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=> s ubi
q
ui? and reporter
 29 FILES SEARCHED...
L1      6847 UBIQUI? AND REPORTER

=> s l1 and destabliz?
 38 FILES SEARCHED...
L2         1 L1 AND DESTABLIZ?

=> d

L2  ANSWER 1 OF 1  USPATFULL
AN    2001:112505  USPATFULL
TI    Compound for detecting and modulating RNA activity and gene
expression
IN    Cook, Phillip Dan, Carlsbad, CA, United States
      Ecker, David J., Carlsbad, CA, United States
      Guinosso, Charles John, Vista, CA, United States
      Acevedo, Oscar Leobardo, San Diego, CA, United States
      Kawasaki, Andrew, Oceanside, CA, United States
      Ramasamy, Kandasamy, Laguna Hills, CA, United States
PA    Isis Pharmaceuticals, Inc., Carlsbad, CA, United States (U.S.
      corporation)
PI    US 6262241       B1   20010717
AI    US 1995-383666         19950203 (8)
RLI   Continuation of Ser. No. US 1992-854634, filed on 1 Jul 1992, now
      abandoned Continuation-in-part of Ser. No. US 463358, now
abandoned
      Continuation-in-part of Ser. No. US 1990-566977, filed on 13 Aug
1990,
      now abandoned
DT    Utility
FS    GRANTED
LN.CNT 5473
INCL  INCLM: 536/022.100
      INCLS: 435/005.000; 435/006.000; 436/501.000; 514/044.000;
536/025.300
NCL   NCLM:  536/022.100
      NCLS:  435/005.000; 435/006.000; 436/501.000; 514/044.000;
536/025.300
IC    [7]
      ICM: C12Q001-68
      ICS: C07H021-02; C07H021-04
EXF   435/5; 435/6; 435/172.3; 435/810; 436/501; 514/44; 536/22.1;
536/23.1;
      536/25.3; 935/77; 935/78
CAS INDEXING IS AVAILABLE FOR THIS PATENT.


=> FIL STNGUIDE
COST IN U.S. DOLLARS                SINCE FILE     TOTAL
                                    ENTRY   SESSION
FULL ESTIMATED COST                   69.23     69.53

FILE 'STNGUIDE' ENTERED AT 15:39:04 ON 30 AUG 2001
USE IS SUBJECT TO THE TERMS OF YOUR CUSTOMER
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FILE CONTAINS CURRENT INFORMATION.
LAST RELOADED: Aug 24, 2001 (20010824/UP).

=> his
HIS IS NOT A RECOGNIZED COMMAND
The previous command name entered was not recognized by the system.
For a list of commands available to you in the current file, enter
"HELP COMMANDS" at an arrow prompt (=>).

=> d his

   (FILE 'HOME' ENTERED AT 15:35:40 ON 30 AUG 2001)

   FILE 'ADISALERTS, ADISINSIGHT, AGRICOLA, ANABSTR,
AQUASCI, BIOBUSINESS,
   BIOCOMMERCE, BIOSIS, BIOTECHDS, BIOTECHNO, CABA,
CANCERLIT, CAPLUS,
   CEABA-VTB, CEN, CIN, CONFSCI, CROPB, CROPU, DGENE,
DRUGB, DRUGLAUNCH,
   DRUGMONOG2, DRUGNL, DRUGU, DRUGUPDATES, ...' ENTERED
AT 15:36:40 ON 30
   AUG 2001
L1      6847 S UBIQUI? AND REPORTER
L2         1 S L1 AND DESTABLIZ?

   FILE 'STNGUIDE' ENTERED AT 15:39:04 ON 30 AUG 2001

=> s l1 and regulat?
         0 UBIQUI?
         2 REPORTER
        31 REGULAT?
L3         0 L1 AND REGULAT?

=> ret
ENTER NAME OF SAVED ITEM TO ACTIVATE OR (END):
ENTER NAME OF SAVED ITEM TO ACTIVATE OR (END):
ENTER NAME OF SAVED ITEM TO ACTIVATE OR (END):q
'Q' MUST END IN '/Q', '/A', '/L', '/S', OR '/B'
The name of a saved query (or structure or screen set) ends in '/Q'.
The name of a saved answer set ends in '/A'.  The name of a saved L#
list ends in '/L'.  The name of an SDI request ends in '/S'.  The name
of a BATCH search request ends in '/B'.  You must enter the /Q, /A,
/L, /S, or /B at the end of the name.
ENTER NAME OF SAVED ITEM TO ACTIVATE OR (END):end

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COST IN U.S. DOLLARS                SINCE FILE     TOTAL
                                    ENTRY   SESSION
FULL ESTIMATED COST                   0.00     69.53

FILE 'CAPLUS' ENTERED AT 15:45:13 ON 30 AUG 2001
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER
AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2001 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'MEDLINE' ENTERED AT 15:45:13 ON 30 AUG 2001

FILE 'EMBASE' ENTERED AT 15:45:13 ON 30 AUG 2001
COPYRIGHT (C) 2001 Elsevier Science B.V.  All rights reserved.

=> s ubiqui? and report? and regulat?
L4      3594 UBIQUI? AND REPORT? AND REGULAT?

=> s l4 and ?stabiliz?
L5       170 L4 AND ?STABILIZ?

=> dup
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ENTER L# LIST OR (END):l5
PROCESSING COMPLETED FOR L5
L6        72 DUP REM L5 (98 DUPLICATES REMOVED)

=> d

L6  ANSWER 1 OF 72  CAPLUS  COPYRIGHT 2001 ACS
AN  2001:582076  CAPLUS
TI  Methods of protein destabilization with noncleavable
    ubiquitin fusion proteins and uses in assays and in
    regulating target protein concentrations
IN  Stack, Jeffrey H.; Whitney, Michael; Cubitt, Andrew B.; Pollok, Brian
A.
PA  Aurora Biosciences Corporation, USA
SO  PCT Int. Appl., 171 pp.
    CODEN: PIXXD2
DT  Patent
LA  English
FAN.CNT 1
    PATENT NO.      KIND  DATE         APPLICATION NO.  DATE
    --------------  ----  -----------  ---------------  -----
PI  WO 2001057242   A2   20010809     WO 2001-US103791
20010202
      W:  AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH,
CN,
          CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM,
HR,
          HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT,
          LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT,
RO, RU,
          SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ,
VN,
          YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
      RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE,
CH, CY,
          DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF,
          BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
PRAI US 2000-498098   A2  20000204


=> d 1 abs

L6  ANSWER 1 OF 72  CAPLUS  COPYRIGHT 2001 ACS
AB  This invention is directed towards methods of destabilizing
    proteins in living cells, and their use for the development of novel
    assays. In one embodiment, the invention comprises the use of
    non-cleavable multimerized ubiquitin fusion proteins to
    destabilize a target protein, such as a reporter moiety.
    In one aspect of this method the constructs also comprises a linker that
    operatively couples the reporter moiety to the multimerized
    ubiquitin fusion protein. In this embodiment, enzymic
    modification of the linker results in a modulation of the coupling of the
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reporter protein to the multimerized ubiquitin domains resulting in a change in the stability of the reporter moiety. The level of the reporter moiety in the cell can then be used as a measure of the enzymic activity in the cell. In another embodiment the invention provides for a generalized way of coordinately regulating the cellular concn. of a plurality of target proteins. In one aspect of this method, the target proteins are operatively coupled to a ubiquitin fusion protein via linker contg. a protease cleavage site. Cleavage of the linker by a protease results in uncoupling of the target protein from the multimerized ubiquitin construct, and results in an increase in the stability and concn. of the target protein. From one to four copies of 76-valine-ubiquitin were fused to .beta.-lactamase and tested.

=> d 2-5

L6 ANSWER 2 OF 72 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 1
AN 2001:411571 CAPLUS
TI Requirement for HDM2 activity in the rapid degradation of p53 in neuroblastoma
AU Isaacs, Jennifer S.; Saito, Shin'ichi; Neckers, Leonard M.
CS Tumor Cell Biology Section, Medicine Branch, NCI, National Institutes of Health, Rockville, MD, 20850, USA
SO J. Biol. Chem. (2001), 276(21), 18497-18506
CODEN: JBCHA3; ISSN: 0021-9258
PB American Society for Biochemistry and Molecular Biology
DT Journal
LA English
RE.CNT 61
RE
(1) Alarcon, R; Cancer Res 1999, V59, P6046 CAPLUS
(2) An, W; Nature 1998, V392, P405 CAPLUS
(3) Ashcroft, M; Mol Cell Biol 1999, V19, P1751 CAPLUS
(6) Barak, Y; EMBO J 1993, V12, P461 CAPLUS
(8) Blattner, C; Oncogene 1999, V18, P1723 CAPLUS
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 3 OF 72 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 2
AN 2001:329793 CAPLUS
DN 135:90284
TI Stabilization and activation of p53 by the coactivator protein TAFII31
AU Buschmann, Thomas; Lin, Yahong; Aithmitti, Nadia; Fuchs, Serge Y.; Lu, Hua; Resnick-Silverman, Lois; Manfredi, James J.; Ronai, Ze'ev; Wu, Xiangwei
CS Derald H. Ruttenberg Cancer Center, Mount Sinai School of Medicine, New York, NY, 10029, USA
SO J. Biol. Chem. (2001), 276(17), 13852-13857
CODEN: JBCHA3; ISSN: 0021-9258
PB American Society for Biochemistry and Molecular Biology
DT Journal
LA English
RE.CNT 39
RE
(1) Amrolia, P; Proc Natl Acad Sci 1997, V94, P10051 CAPLUS
(2) An, W; Nature 1998, V392, P405 CAPLUS
(3) Ashcroft, M; Oncogene 1999, V18, P7637 CAPLUS
(4) Berk, A; Curr Opin Cell Biol 1999, V11, P330 CAPLUS
(5) Chen, J; Cell 1994, V79, P93 CAPLUS
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 4 OF 72 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 3
AN 2001:335286 CAPLUS
DN 135:89664
TI Glucose-induced monoubiquitination of the Saccharomyces cerevisiae galactose transporter is sufficient to signal its internalization
AU Horak, Jaroslav; Wolf, Dieter H.
CS Institute of Physiology, Department of Membrane Transport, Academy of Sciences of the Czech Republic, Prague, 142 20, Czech Rep.
SO J. Bacteriol. (2001), 183(10), 3083-3088
CODEN: JOBAAY; ISSN: 0021-9193
PB American Society for Microbiology
DT Journal
LA English
RE.CNT 57
RE
(1) Amerik, A; Mol Biol Cell 2000, V11, P3365 CAPLUS
(2) Arnason, T; Mol Cell Biol 1994, V14, P7876 CAPLUS
(4) Beck, T; J Cell Biol 1999, V146, P1227 CAPLUS
(5) Bonifacino, J; Annu Rev Cell Dev Biol 1998, V14, P19 CAPLUS
(6) Chiang, H; J Biol Chem 1996, V271, P9934 CAPLUS
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 5 OF 72 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 4
AN 2001:340123 CAPLUS
TI Expression profiles of TRCP1 and TRCP2, and mutation analysis of TRCP2 in gastric cancer
AU Saitoh, Tetsuroh; Katoh, Masaru
CS Genetics and Cell Biology Section, Genetics Division, National Cancer Center Research Institute, Tokyo, 104-0045, Japan
SO Int. J. Oncol. (2001), 18(5), 959-964
CODEN: IJONES; ISSN: 1019-6439
PB International Journal of Oncology
DT Journal
LA English
RE.CNT 17
RE
(1) Fuchs, S; Oncogene 1999, V18, P2039 CAPLUS
(2) Hart, M; Curr Biol 1999, V9, P207 CAPLUS
(3) He, T; Science 1998, V281, P1509 CAPLUS
(4) Jiang, J; Nature 1998, V391, P493 CAPLUS
(5) Kinzler, K; Science 1991, V253, P661 CAPLUS
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d 6-10

L6 ANSWER 6 OF 72 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 5
AN 2001:147780 CAPLUS
DN 134:308358
TI Human cyclin C protein is stabilized by its associated kinase cdk8, independently of its catalytic activity
AU Barette, Caroline; Jariel-Encontre, Isabelle; Piechaczyk, Marc; Piette, Jacques
CS Institut de Genetique Moleculaire de Montpellier, CNRS UMR 5535, Montpellier, 34293, Fr.
SO Oncogene (2001), 20(5), 551-562
CODEN: ONCNES; ISSN: 0950-9232
PB Nature Publishing Group
DT Journal
LA English
RE.CNT 54
RE
(1) Arellano, M; Int J Biochem Cell Biol 1997, V29, P559 CAPLUS
(2) Balciunas, D; Nucleic Acids Res 1995, V23, P4421 CAPLUS
(3) Boyer, T; Nature 1999, V399, P276 CAPLUS
(4) Carlson, M; Genetics 1984, V107, P19 CAPLUS
(5) Cho, H; Mol Cell Biol 1998, V18, P5355 CAPLUS
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 7 OF 72 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 6
AN 2001:497897 CAPLUS
TI PKC.delta.-Dependent Deubiquitination and Stabilization of Gadd45 in A431 Cells Overexposed to EGF
AU Leung, Chung-Hang; Lam, Wing; Zhuang, Wei-Jian; Wong, Nai-Sum; Fong, Wang F.
CS Bioactive Products Research Group, Department of Biology and Chemistry, City University of Hong Kong, Kowloon, Peop. Rep. China
SO Biochem. Biophys. Res. Commun. (2001), 285(2), 283-288
CODEN: BBRCA9; ISSN: 0006-291X
PB Academic Press
DT Journal
LA English
RE.CNT 33
RE
(1) Azam, N; J Biol Chem 2001, V276, P2766 CAPLUS
(2) Davis, R; J Biol Chem 1985, V260, P5315 CAPLUS
(3) Elledge, S; Biochim Biophys Acta 1998, V1377, PM61 CAPLUS
(4) Fong, W; Biochim Biophys Acta 1976, V428, P456 CAPLUS
(5) Fong, W; Biochim Biophys Acta 2001, V1517, P250 CAPLUS
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 8 OF 72 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 7
AN 2001:127854 CAPLUS
DN 134:351084
TI Downregulation of MDM2 stabilizes p53 by inhibiting p53 ubiquitination in response to specific alkylating agents
AU Inoue, T.; Geyer, R. K.; Yu, Z. K.; Maki, C. G.
CS Department of Cancer Cell Biology, Harvard School of Public Health, Boston, MA, 02115, USA
SO FEBS Lett. (2001), 490(3), 196-201
CODEN: FEBLAL; ISSN: 0014-5793
PB Elsevier Science B.V.
DT Journal
LA English
RE.CNT 37
RE

(1) Ashcroft, M; Mol Cell Biol 1999, V19, P1751 CAPLUS
(2) Blattner, C; Oncogene 1999, V18, P1723 CAPLUS
(3) Chehab, N; Proc Natl Acad Sci USA 1999, V96, P13777 CAPLUS
(5) el-Deiry, W; Cell 1993, V75, P817 CAPLUS
(6) Fritsche, M; Oncogene 1993, V8, P307 CAPLUS
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 9 OF 72 EMBASE COPYRIGHT 2001 ELSEVIER SCI. B.V.
AN 2000320437 EMBASE
TI Reactive oxygen species generated at mitochondrial Complex III stabilize hypoxia-inducible factor-1.alpha. during hypoxia: A mechanism of O2 sensing.
AU Chandel N.S.; McClintock D.S.; Feliciano C.E.; Wood T.M.; Melendez J.A.;
Rodriguez A.M.; Schumacker P.T.
CS P.T. Schumacker, Department of Medicine MC6026, University of Chicago,
5841 South Maryland Ave., Chicago, IL 60637, United States.
pschumac@medicine.bsd.uchicago.edu
SO Journal of Biological Chemistry, (18 Aug 2000) 275/33 (25130-25138).
Refs: 49
ISSN: 0021-9258 CODEN: JBCHA3
CY United States
DT Journal; Article
FS 029 Clinical Biochemistry
LA English
SL English

L6 ANSWER 10 OF 72 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 8
AN 2000:642508 CAPLUS
DN 133:346336
TI Yeast glycogen synthase kinase 3 is involved in protein degradation in cooperation with Bul1, Bul2, and Rsp5
AU Andoh, Tomoko; Hirata, Yuzoh; Kikuchi, Akira
CS Department of Biochemistry, Hiroshima University School of Medicine,
Hiroshima, 734-8551, Japan
SO Mol. Cell. Biol. (2000), 20(18), 6712-6720
CODEN: MCEBD4; ISSN: 0270-7306
PB American Society for Microbiology
DT Journal
LA English
RE.CNT 53
RE
(1) Aberle, H; EMBO J 1997, V16, P3797 CAPLUS
(2) Beaudenon, S; Mol Cell Biol 1999, V19, P6972 CAPLUS
(3) Botstein, D; Gene 1979, V8, P17 CAPLUS
(4) Bowdish, K; Mol Cell Biol 1994, V14, P7909 CAPLUS
(5) Bradford, M; Anal Biochem 1976, V72, P248 CAPLUS
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d 11-15

L6 ANSWER 11 OF 72 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 9
AN 2000:609884 CAPLUS
DN 133:264555
TI Cell cycle-dependent expression of mammalian E2-C regulated by the anaphase-promoting complex/cyclosome
AU Yamanaka, Atsushi; Hatakeyama, Shigetsugu; Kominami, Kin-Ichiro; Kitagawa,
Masatoshi; Matsumoto, Masaki; Nakayama, Kei-Ichi
CS Department of Molecular and Cellular Biology, Medical Institute of Bioregulation, Kyushu University, Fukuoka, Fukuoka, 812-8582, Japan
SO Mol. Biol. Cell (2000), 11(8), 2821-2831
CODEN: MBCEEV; ISSN: 1059-1524
PB American Society for Cell Biology
DT Journal
LA English
RE.CNT 50
RE
(1) Amon, A; Cell 1994, V77, P1037 CAPLUS
(2) Aristarkhov, A; Proc Natl Acad Sci USA 1996, V93, P4294 CAPLUS
(3) Arvand, A; Oncogene 1998, V17, P2039 CAPLUS
(4) Bai, C; Cell 1996, V86, P263 CAPLUS
(5) Banerjee, A; J Biol Chem 1993, V268, P5668 CAPLUS
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 12 OF 72 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 10
AN 2000:896382 CAPLUS
DN 134:234378
TI Post-transcriptional control of the Arabidopsis auxin efflux carrier EIR1 requires AXR1
AU Sieberer, T.; Seifert, G. J.; Hauser, M.-T.; Grisafi, P.; Fink, G. R.; Luschnig, C.
CS Centre for Applied Genetics, University of Agricultural Sciences, Vienna,
A-1190, Austria
SO Curr. Biol. (2000), 10(24), 1595-1598
CODEN: CUBLE2; ISSN: 0960-9822
PB Elsevier Science Ltd.
DT Journal
LA English
RE.CNT 15
RE
(1) Chen, R; Proc Natl Acad Sci USA 1998, V95, P15112 CAPLUS
(2) del Pozo, J; Proc Natl Acad Sci USA 1999, V96, P15342 CAPLUS
(3) Delbarre, A; Plant Physiol 1998, V116, P833 CAPLUS
(4) Gray, W; Genes Dev 1999, V13, P1678 CAPLUS
(5) Kaufman, P; Plant Hormones 1995, P547 CAPLUS
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 13 OF 72 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 11
AN 2000:374094 CAPLUS
DN 133:132267
TI Degradation of the transcription factor Gcn4 requires the kinase Pho85 and
the SCFCDC4 ubiquitin-ligase complex
AU Meimoun, Ariella; Holtzman, Tsvi; Weissman, Ziva; McBride, Helen J.;
Stillman, David J.; Fink, Gerald R.; Kornitzer, Daniel
CS Department of Microbiology, Technion-B. Rappaport Faculty of Medicine,
Haifa, 31096, Israel
SO Mol. Biol. Cell (2000), 11(3), 915-927
CODEN: MBCEEV; ISSN: 1059-1524
PB American Society for Cell Biology
DT Journal
LA English
RE.CNT 68
RE
(1) Alani, E; Genetics 1987, V116, P541 CAPLUS
(2) Andrews, B; Trends Genet 1998, V14, P66 CAPLUS
(3) Arndt, K; Science 1987, V237, P874 CAPLUS
(5) Bai, C; Cell 1996, V86, P263 CAPLUS
(6) Barral, Y; Genes Dev 1995, V9, P399 CAPLUS
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 14 OF 72 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 12
AN 2000:62027 CAPLUS
DN 132:204906
TI HuR regulates p21 mRNA stabilization by UV light
AU Wang, Wengong; Furneaux, Henry; Cheng, Huiming; Caldwell, M. Craig;
Hutter, Dorothy; Liu, Yusen; Holbrook, Nikki; Gorospe, Myriam
CS Laboratory of Biological Chemistry, National Institute on Aging, National
Institutes of Health, Baltimore, MD, 21224, USA
SO Mol. Cell. Biol. (2000), 20(3), 760-769
CODEN: MCEBD4; ISSN: 0270-7306
PB American Society for Microbiology
DT Journal
LA English
RE.CNT 67
RE
(1) Antic, D; Genes Dev 1999, V13, P449 CAPLUS
(2) Atasoy, U; J Cell Sci 1998, V111, P3145 CAPLUS
(3) Badminton, M; Cell Calcium 1998, V23, P79 CAPLUS
(4) Barami, K; J Neurobiol 1995, V28, P82 CAPLUS
(5) Bellido, T; J Biol Chem 1998, V273, P21137 CAPLUS
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 15 OF 72 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 13
AN 2000:446332 CAPLUS
DN 133:189127
TI Polycyclic aromatic hydrocarbon carcinogens increase ubiquitination of p21 protein after the stabilization of p53 and the expression of p21
AU Nakanishi, Yoichi; Pei, Xin-Hai; Takayama, Koichi; Bai, Feng; Izumi, Miiru; Kimotsuki, Kanehito; Inoue, Koji; Minami, Takahiro; Wataya, Hiroshi; Hara, Nobuyuki
CS Research Institute for Diseases of the Chest, Graduate School of Medical
Sciences, Kyushu University, Fukuoka, 812-8582, Japan
SO Am. J. Respir. Cell Mol. Biol. (2000), 22(6), 747-754
CODEN: AJRBEL; ISSN: 1044-1549
PB American Thoracic Society
DT Journal
LA English
RE.CNT 38
RE
(1) Bai, F; Mol Carcinog 1998, V22, P258 CAPLUS
(2) Cayrol, C; Oncogene 1998, V17, P2437 CAPLUS
(3) Denissenko, M; Science 1996, V274, P430 CAPLUS
(4) Di Leonardo, A; Genes Dev 1994, V8, P2540 CAPLUS
(5) Dipple, A; DNA Adducts:Identification and Biological Significance 1994, P107 CAPLUS
ALL CITATIONS AVAILABLE IN THE RE FORMAT

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=> s ubiqui? and (fuse? or fusion) and protein
L7      3233 UBIQUI? AND (FUSE? OR FUSION) AND PROTEIN

=>

=> s ubiqui? and fusion protein
L8      2030 UBIQUI? AND FUSION PROTEIN

=> s l8 and reporter
L9       190 L8 AND REPORTER

=> dup
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ENTER L# LIST OR (END):l9
PROCESSING COMPLETED FOR L9
L10      146 DUP REM L9 (44 DUPLICATES REMOVED)

=> d 1-5

L10 ANSWER 1 OF 146  CAPLUS  COPYRIGHT 2001 ACS
AN  2001:582076  CAPLUS
TI  Methods of protein destabilization with noncleavable ubiquitin
    fusion proteins and uses in assays and in regulating
    target protein concentrations
IN  Stack, Jeffrey H.; Whitney, Michael; Cubitt, Andrew B.; Pollok, Brian
A.
PA  Aurora Biosciences Corporation, USA
SO  PCT Int. Appl., 171 pp.
    CODEN: PIXXD2
DT  Patent
LA  English
FAN.CNT 1
    PATENT NO.      KIND  DATE        APPLICATION NO.  DATE
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PI  WO 2001057242   A2    20010809    WO 2001-US103791
20010202
        W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH,
CN,
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HR,
           HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT,
           LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT,
RO, RU,
           SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ,
VN,
           YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
        RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE,
CH, CY,
           DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF,
           BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
PRAI US 2000-498098   A2  20000204

L10 ANSWER 2 OF 146  CAPLUS  COPYRIGHT 2001 ACS
AN  2001:545853  CAPLUS
TI  Molecular switches II system comprising ligand-regulated DNA binding
    molecule and targeted DNA binding site and its use in screening for
    desired binding elements and gene regulation
IN  Choo, Yen; Ullman, Christopher Graeme; Moore, Michael
PA  Gendaq Limited, UK
SO  PCT Int. Appl., 193 pp.
    CODEN: PIXXD2
DT  Patent
LA  English
FAN.CNT 4
    PATENT NO.      KIND  DATE        APPLICATION NO.  DATE
    --------------  ----  ----------  ---------------  --------
PI  WO 2001053479   A2    20010726    WO 2001-GB100187
20010118
        W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH,
CN,
           CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM,
HR,
           HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT,
           LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT,
RO, RU,
           SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ,
VN,
           YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
        RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE,
CH, CY,
           DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF,
           BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
    WO 2000073434   A1    20001207    WO 2000-GB2071   20000530
        W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN,
CR,
           CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR,
HU,
           ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU,
           LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO,
RU, SD,
           SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN,
YU,
           ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
        RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE,
CH, CY,
           DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ,
           CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
PRAI GB 2000-1578     A  20000124
    GB 2000-1582      A  20000124
    WO 2000-GB2071    W  20000530
    WO 2000-GB2080    W  20000530
    GB 2000-29901     A  20001207
    GB 1999-12635     A  19990528

L10 ANSWER 3 OF 146  CAPLUS  COPYRIGHT 2001 ACS
AN  2001:417180  CAPLUS
DN  135:29128
TI  An reporter gene system for screening of compounds capable of
    modulating the activity of ubiquitin-ligase SCFMet30 complexes
    and their uses
IN  Thomas, Dominique; Barbey, Regine; Rouillon, Astrid; Kerjan,
Yolande
PA  Centre National De La Recherche Scientifique-CNRS, Fr.
SO  PCT Int. Appl., 49 pp.
    CODEN: PIXXD2
DT  Patent
LA  French
FAN.CNT 1
    PATENT NO.      KIND  DATE        APPLICATION NO.  DATE
    --------------  ----  ----------  ---------------  --------
PI  WO 2001040499   A2    20010607    WO 2000-FR3342   20001130
        W: CA, JP, US
        RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC,
NL,
           PT, SE, TR
    FR 2801902      A1    20010608    FR 1999-15138    19991201
PRAI FR 1999-15138    A  19991201

L10 ANSWER 4 OF 146  CAPLUS  COPYRIGHT 2001 ACS
AN  2001:168144  CAPLUS
DN  134:221434
TI  Isolated nona- and decapeptides which bind to HLA molecules, and
the
    therapeutic use thereof
IN  Valmori, Danila; Levy, Frederic; Miconnet, Isabelle; Cerrottini,
    Jean-Charles; Romero, Pedro
PA  Ludwig Institute for Cancer Research, USA
SO  PCT Int. Appl., 61 pp.
    CODEN: PIXXD2
DT  Patent
LA  English
FAN.CNT 1
    PATENT NO.      KIND  DATE        APPLICATION NO.  DATE
    --------------  ----  ----------  ---------------  --------
PI  WO 2001016320   A1    20010308    WO 2000-US23536  20000825
        W: AG, AU, BZ, CA, CN, DZ, JP, KR, MZ
        RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC,
NL,
           PT, SE
PRAI US 1999-386581   A  19990830
RE.CNT 6
RE
(1) Hoon, D; WO 9937771 A 1999 CAPLUS
(2) Ludwig Inst Cancer Res; WO 9815638 A 1998 CAPLUS
(3) Ludwig Inst Cancer Res; WO 9858951 A 1998 CAPLUS
(4) Us Health; WO 9610419 A 1996 CAPLUS
(5) Valmori, D; JOURNAL OF EXPERIMENTAL MEDICINE 1999,
V189(6), P895 CAPLUS
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 5 OF 146  CAPLUS  COPYRIGHT 2001 ACS
AN  2001:293689  CAPLUS
DN  134:321630
TI  A peptide of auxin-induced gene products that targets them for rapid
    degradation and its use in controlling the degradation of fusion
    proteins
IN  Callis, Judy; Worley, Cathy K.
PA  The Regents of the University of California, USA
```

SO U.S., 26 pp.
CODEN: USXXAM
DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI US 6222095	B1	20010424	US 1998-64922	19980422

RE.CNT 39
RE
(1) Abel, S; BioEssays 1996, V18, P647 CAPLUS
(2) Abel, S; Plant Physiol 1996, V111, P9 CAPLUS
(3) Abel, S; Proc Natl Acad Sci USA 1994, V91, P326 CAPLUS
(4) Brown, K; Molecular and Cellular Biology 1997, V17, P3021 CAPLUS
(5) Chen, P; Cell 1993, V74, P357 CAPLUS
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> SET SMA OFF

SET COMMAND COMPLETED

=> SEL RAN.CAPLUS(1) L10 5

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terms extracted from an L-number that contains answers or terms from more than one file. SET SMARTSELECT ON must be entered before you execute the SELECT command.

=> SET SMA ON

SET COMMAND COMPLETED

=> SEL RAN.CAPLUS(1) L10 5

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L11 SEL L10 5 1 : 1 TERM

=>

=>

=> SET SMA LOGIN

SET COMMAND COMPLETED

=> FIL CAPLUS

COST IN U.S. DOLLARS	ENTRY	SINCE FILE SESSION	TOTAL
FULL ESTIMATED COST		56.68	126.21

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	ENTRY	SINCE FILE SESSION	TOTAL
CA SUBSCRIBER PRICE		-0.59	-0.59

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FILE COVERS 1947 - 30 Aug 2001 VOL 135 ISS 10
FILE LAST UPDATED: 29 Aug 2001 (20010829/ED)

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=> S L11

L12 1 L11

=> D L12 BIB,ABS

L12 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2001 ACS
AN 1996:578463 CAPLUS
DN 125:266597
TI DNA elements responsive to auxin
AU Abel, Steffen; Ballas, Nurit; Wong, Lu-Min; Theologis, Athanasios
CS Plant Gene Expression Center, Albany, CA, 94710, USA
SO BioEssays (1996), 18(8), 647-654
CODEN: BIOEEJ; ISSN: 0265-9247
DT Journal; General Review
LA English
AB A review with 62 refs. Genes induced by the plant hormone auxin are probably involved in the execution of vital cellular functions and developmental processes. Exptl. approaches designed to elucidate the mol. mechanisms of auxin action have focused on auxin perception, genetic dissection of the signaling app. and specific gene activation. Auxin-responsive promoter elements of early genes provide mol. tools for probing auxin signaling in reverse. Functional anal. of several auxin-specific promoters of unrelated early genes suggests combinatorial utilization of both conserved and variable elements. These elements are arranged into autonomous domains and the combination of such modules generates uniquely composed promoters. Modular promoters allow for auxin-mediated transcriptional responses to be revealed in a tissue- and development-specific manner.

=> DEL L11 Y

=> FIL caplus, medline, embase

COST IN U.S. DOLLARS	ENTRY	SINCE FILE SESSION	TOTAL
FULL ESTIMATED COST		4.05	130.26

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	ENTRY	SINCE FILE SESSION	TOTAL
CA SUBSCRIBER PRICE		-0.59	-1.18

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=> d his

(FILE 'HOME' ENTERED AT 15:35:40 ON 30 AUG 2001)

FILE 'ADISALERTS, ADISINSIGHT, AGRICOLA, ANABSTR, AQUASCI, BIOBUSINESS, BIOCOMMERCE, BIOSIS, BIOTECHDS, BIOTECHNO, CABA, CANCERLIT, CAPLUS, CEABA-VTB, CEN, CIN, CONFSCI, CROPB, CROPU, DGENE, DRUGB, DRUGLAUNCH, DRUGMONOG2, DRUGNL, DRUGU, DRUGUPDATES, ...' ENTERED AT 15:36:40 ON 30 AUG 2001
L1 6847 S UBIQUI? AND REPORTER
L2 1 S L1 AND DESTABLIZ?

FILE 'STNGUIDE' ENTERED AT 15:39:04 ON 30 AUG 2001
L3 0 S L1 AND REGULAT?

FILE 'CAPLUS, MEDLINE, EMBASE' ENTERED AT 15:45:13 ON 30 AUG 2001
L4 3594 S UBIQUI? AND REPORT? AND REGULAT?

L5 170 S L4 AND ?STABILIZ?
L6 72 DUP REM L5 (98 DUPLICATES REMOVED)
L7 3233 S UBIQUI? AND (FUSE? OR FUSION) AND PROTEIN
L8 2030 S UBIQUI? AND FUSION PROTEIN
L9 190 S L8 AND REPORTER
L10 146 DUP REM L9 (44 DUPLICATES REMOVED)
SET SMA OFF
SET SMA ON
SET SMA LOGIN

FILE 'CAPLUS' ENTERED AT 15:56:01 ON 30 AUG 2001
L12 1 S L***

FILE 'CAPLUS, MEDLINE, EMBASE' ENTERED AT 15:56:08 ON 30 AUG 2001

=> d l10 10-20

L10 ANSWER 10 OF 146 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 2
AN 2001:248608 CAPLUS
TI Inducible gene targeting in postnatal myocardium by cardiac-specific expression of a hormone-activated cre fusion protein
AU Minamino, Tetsuo; Gaussin, Vinciane; Demayo, Francesco J.; Schneider, Michael D.
CS Center for Cardiovascular Development, USA
SO Circ. Res. (2001), 88(6), 587-592
CODEN: CIRUAL; ISSN: 0009-7330
PB Lippincott Williams & Wilkins
DT Journal
LA English
RE.CNT 31
RE
(1) Agah, R; J Clin Invest 1997, V100, P169 CAPLUS
(2) Akli, S; Circ Res 1999, V85, P319 CAPLUS
(3) Araki, K; Proc Natl Acad Sci U S A 1995, V92, P160 CAPLUS
(4) Bradford, M; Anal Biochem 1976, V72, P248 CAPLUS
(5) Brand, T; J Biol Chem 1993, V268, P11500 CAPLUS
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 11 OF 146 MEDLINE
AN 2001219244 MEDLINE
DN 21206014 PubMed ID: 11309410
TI Identities of sequestered proteins in aggregates from cells with induced polyglutamine expression.
AU Suhr S T; Senut M C; Whitelegge J P; Faull K F; Cuizon D B; Gage F H
CS Laboratory of Genetics, The Salk Institute for Biological Studies, La Jolla, California 92037, USA.
NC CA 16042-20 (NCI)
MH/NS 31862 (NIMH)
SO JOURNAL OF CELL BIOLOGY, (2001 Apr 16) 153 (2) 283-94.
Journal code: HMV; 0375356. ISSN: 0021-9525.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 200105
ED Entered STN: 20010529
Last Updated on STN: 20010529
Entered Medline: 20010524

L10 ANSWER 12 OF 146 MEDLINE
AN 2001182228 MEDLINE
DN 21099606 PubMed ID: 11161721
TI Aggrecan domains expected to traffic through the exocytic pathway are misdirected to the nucleus.
AU Chen T L; Wang P Y; Luo W; Gwon S S; Flay N W; Zheng J; Guo C; Tanzer M L; Vertel B M
CS Department of Cell Biology & Anatomy, FUHS/The Chicago Medical School, North Chicago, Illinois, 60064, USA.
NC AR45909 (NIAMS)
DK28433 (NIDDK)
SO EXPERIMENTAL CELL RESEARCH, (2001 Feb 15) 263 (2) 224-35.
Journal code: EPB; 0373226. ISSN: 0014-4827.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 200103
ED Entered STN: 20010404
Last Updated on STN: 20010404
Entered Medline: 20010329

L10 ANSWER 13 OF 146 MEDLINE
AN 2001179377 MEDLINE
DN 21124827 PubMed ID: 11207362
TI Loss of the ClC-7 chloride channel leads to osteopetrosis in mice and man.
AU Kornak U; Kasper D; Bosl M R; Kaiser E; Schweizer M; Schulz A; Friedrich W; Delling G; Jentsch T J
CS Zentrum fur Molekulare Neurobiologie Hamburg, ZMNH, Universitat Hamburg, D-20246, Hamburg, Germany.
SO CELL, (2001 Jan 26) 104 (2) 205-15.
Journal code: CQ4; 0413066. ISSN: 0092-8674.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 200103
ED Entered STN: 20010404
Last Updated on STN: 20010404
Entered Medline: 20010329

L10 ANSWER 14 OF 146 MEDLINE
AN 2001235756 MEDLINE
DN 21142402 PubMed ID: 11245987
TI The human ubiquitous 6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase gene (PFKFB3): promoter characterization and genomic structure.
AU Navarro-Sabate A; Manzano A; Riera L; Rosa J L; Ventura F; Bartrons R
CS Unitat de Bioquimica. Departament de Ciencies Fisiologiques II, Campus de Bellvitge, Universitat de, C/ Feixa Llarga s/n E-08907 L'Hospitalet, Barcelona, Spain.
SO GENE, (2001 Feb 7) 264 (1) 131-8.
Journal code: FOP; 7706761. ISSN: 0378-1119.
CY Netherlands
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 200105
ED Entered STN: 20010517
Last Updated on STN: 20010517
Entered Medline: 20010503

L10 ANSWER 15 OF 146 MEDLINE
AN 2001180195 MEDLINE
DN 21113117 PubMed ID: 11175744
TI Identification of XAF1 as an antagonist of XIAP anti-Caspase activity.
AU Liston P; Fong W G; Kelly N L; Toji S; Miyazaki T; Conte D; Tamai K; Craig C G; McBurney M W; Korneluk R G
CS Cancer Research Group, Ottawa Regional Cancer Center, 501 Smyth Road, Ottawa, K1H 8L6, Canada.
SO NATURE CELL BIOLOGY, (2001 Feb) 3 (2) 128-33.
Journal code: DIQ; 100890575. ISSN: 1465-7392.
CY England: United Kingdom
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
OS GENBANK-X99699
EM 200103
ED Entered STN: 20010404
Last Updated on STN: 20010404
Entered Medline: 20010329

L10 ANSWER 16 OF 146 MEDLINE
AN 2001336323 MEDLINE
DN 21297184 PubMed ID: 11404007
TI Adaptable doxycycline-regulated gene expression systems for Drosophila.
AU Stebbins M J; Yin J C
CS Cold Spring Harbor Laboratory, 1 Bungtown Road, Cold Spring Harbor, NY 11724, USA.
NC R01 NS35575 (NINDS)
SO GENE, (2001 May 30) 270 (1-2) 103-11.
Journal code: FOP; 7706761. ISSN: 0378-1119.
CY Netherlands
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 200108
ED Entered STN: 20010806
Last Updated on STN: 20010806
Entered Medline: 20010802

L10 ANSWER 17 OF 146 MEDLINE
AN 2001187863 MEDLINE
DN 21174047 PubMed ID: 11275683
TI Determination of protein-protein interactions of !Cln by the yeast two-hybrid system.
AU Schmarda A; Fresser F; Gschwentner M; Furst J; Ritter M; Lang F; Baier G;

Paulmichl M
CS Department of Physiology, Institute for Medical Biology and Human Genetics, University of Innsbruck, Austria.
SO CELLULAR PHYSIOLOGY AND BIOCHEMISTRY, (2001) 11 (1) 55-60.
Journal code: C2F; 9113221. ISSN: 1015-8987.
CY Switzerland
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
OS GENBANK-AF196468
EM 200108
ED Entered STN: 20010813
Last Updated on STN: 20010813
Entered Medline: 20010809

L10 ANSWER 18 OF 146 MEDLINE
AN 2001133443 MEDLINE
DN 21066384 PubMed ID: 11145566
TI Yin yang 1 protein negatively regulates high-density lipoprotein receptor
gene transcription by disrupting binding of sterol regulatory element binding protein to the sterol regulatory element.
AU Shea-Eaton W; Lopez D; McLean M P
CS Departments of Obstetrics and Gynecology and Biochemistry and Molecular
Biology, University of South Florida, College of Medicine, Tampa, Florida
33606, USA.
NC R29-HD-31644 (NICHD)
RO1-HD-35163 (NICHD)
SO ENDOCRINOLOGY, (2001 Jan) 142 (1) 49-58.
Journal code: EGZ; 0375040. ISSN: 0013-7227.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Abridged Index Medicus Journals; Priority Journals
EM 200103
ED Entered STN: 20010404
Last Updated on STN: 20010404
Entered Medline: 20010301

L10 ANSWER 19 OF 146 MEDLINE
AN 2001265235 MEDLINE
DN 21113207 PubMed ID: 11160943
TI A novel tetracycline-dependent transactivator with E2F4 transcriptional activation domain.
AU Akagi K; Kanai M; Saya H; Kozu T; Berns A
CS Saitama Cancer Center Research Institute, 818 Komuro Ina Kita-adachigun
Saitama 362-0806, Japan.. akagi@cancer-c.pref.saitama.jp
SO NUCLEIC ACIDS RESEARCH, (2001 Feb 15) 29 (4) E23.
Journal code: O8L; 0411011. ISSN: 1362-4962.
CY England: United Kingdom
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 200106
ED Entered STN: 20010611
Last Updated on STN: 20010611
Entered Medline: 20010607

L10 ANSWER 20 OF 146 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 3
AN 2000:910839 CAPLUS
DN 134:174344
TI Ubiquitin-mediated proteolysis of a short-lived regulatory protein depends on its cellular localization
AU Lenk, Uwe; Sommer, Thomas
CS Max-Delbruck-Centrum fur Molekulare Medizin, Berlin, 13092, Germany
SO J. Biol. Chem. (2000), 275(50), 39403-39410
CODEN: JBCHA3; ISSN: 0021-9258
PB American Society for Biochemistry and Molecular Biology
DT Journal
LA English
RE.CNT 33
RE
(2) Biederer, T; EMBO J 1996, V15, P2069 CAPLUS
(3) Biederer, T; Science 1997, V278, P1806 CAPLUS
(4) Bonifacino, J; Annu Rev Cell Dev Biol 1998, V14, P19 CAPLUS
(5) Chen, P; Cell 1993, V74, P357 CAPLUS
(6) Cormack, B; Microbiology 1997, V143, P303 CAPLUS
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> SET SMA OFF

SET COMMAND COMPLETED

=> SEL RAN.CAPLUS(4) L10 5

L10 WAS CREATED DURING MULTIFILE PROCESSING AND CANNOT BE USED WHEN CREATING E#S
Enter SET SMARTSELECT ON before using SELECT to create an L-number of
terms extracted from an L-number that contains answers or terms from more than one file. SET SMARTSELECT ON must be entered before you execute the SELECT command.

=> SET SMA ON

SET COMMAND COMPLETED

=> SEL RAN.CAPLUS(4) L10 5

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L13 SEL L10 5 4 : 1 TERM

=>

=>

=> SET SMA LOGIN

SET COMMAND COMPLETED

=> FIL CAPLUS

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	15.17	145.43

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	0.00	-1.18

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FILE LAST UPDATED: 29 Aug 2001 (20010829/ED)

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=> S L13

L14 1 L13

=> D L14 BIB,ABS

L14 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2001 ACS
AN 1997:335673 CAPLUS
DN 127:48301
TI The signal response of I.kappa.B.alpha. is regulated by transferable N-
and C-terminal domains
AU Brown, Keith; Franzoso, Guido; Baldi, Lucia; Carlson, Louise; Mills, Laura; Lin, Yi-Chaung; Gerstberger, Susan; Siebenlist, Ulrich
CS Lab. Immunoregulation, National Inst. Allergy and Infectious Diseases,

National Institutes Health, Bethesda, MD, 20892-1876, USA
SO Mol. Cell. Biol. (1997), 17(6), 3021-3027
CODEN: MCEBD4; ISSN: 0270-7306
PB American Society for Microbiology
DT Journal
LA English
AB I.kappa.B.alpha. retains the transcription factor NF-.kappa.B in the cytoplasm, thus inhibiting its function. Various stimuli inactivate I.kappa.B.alpha. by triggering phosphorylation of the N-terminal residues Ser32 and Ser36. Phosphorylation of both serines is demonstrated directly by phosphopeptide mapping utilizing calpain protease, which cuts approx. 60 residues from the N terminus, and by anal. of mutants lacking one or both serine residues. Phosphorylation is followed by rapid proteolysis, and the liberated NF-.kappa.B translocates to the nucleus, where it activates transcription of its target genes. Transfer of the N-terminal domain of I.kappa.B.alpha. to the ankyrin domain of the related oncoprotein Bcl-3 or to the unrelated protein glutathione S-transferase confers signal-induced phosphorylation on the resulting chimeric proteins. If the C-terminal domain of I.kappa.B.alpha. is transferred as well, the resulting chimeras exhibit both signal-induced phosphorylation and rapid proteolysis. Thus, the signal response of I.kappa.B.alpha. is controlled by transferable N-terminal and C-terminal domains.

=> DEL L13 Y

=> FIL caplus, medline, embase

COST IN U.S. DOLLARS SINCE FILE TOTAL
ENTRY SESSION
FULL ESTIMATED COST 4.05 149.48

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS) SINCE FILE TOTAL
ENTRY SESSION
CA SUBSCRIBER PRICE -0.59 -1.77

FILE 'CAPLUS' ENTERED AT 16:00:40 ON 30 AUG 2001
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=> FIL STNGUIDE
COST IN U.S. DOLLARS SINCE FILE TOTAL
ENTRY SESSION
FULL ESTIMATED COST 1.59 151.07

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS) SINCE FILE TOTAL
ENTRY SESSION
CA SUBSCRIBER PRICE 0.00 -1.77

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AND TECHNOLOGY CORPORATION, AND
FACHINFORMATIONSZENTRUM KARLSRUHE

FILE CONTAINS CURRENT INFORMATION.
LAST RELOADED: Aug 24, 2001 (20010824/UP).

=> s protein degrad?
7 PROTEIN
2 DEGRAD?
L15 0 PROTEIN DEGRAD?
(PROTEIN(W)DEGRAD?)

=> fil caplus, medline, embase
COST IN U.S. DOLLARS SINCE FILE TOTAL
ENTRY SESSION
FULL ESTIMATED COST 0.00 151.07

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS) SINCE FILE TOTAL
ENTRY SESSION
CA SUBSCRIBER PRICE 0.00 -1.77

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FILE 'MEDLINE' ENTERED AT 16:07:13 ON 30 AUG 2001

FILE 'EMBASE' ENTERED AT 16:07:13 ON 30 AUG 2001
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=> s protein degrad?
L16 38481 PROTEIN DEGRAD?

=> s protein degrad/ti
L17 0 PROTEIN DEGRAD/TI

=> s proetin degrad?/ti
L18 0 PROETIN DEGRAD?/TI

=> s protein degrad?.ti
L19 0 PROTEIN DEGRAD?.TI

=> s l16 and report?
L20 4073 L16 AND REPORT?

=> dup
ENTER REMOVE, IDENTIFY, ONLY, OR (?):rem
ENTER L# LIST OR (END):l20
PROCESSING IS APPROXIMATELY 52% COMPLETE FOR L20
PROCESSING IS APPROXIMATELY 84% COMPLETE FOR L20
PROCESSING COMPLETED FOR L20
L21 3558 DUP REM L20 (515 DUPLICATES REMOVED)

=>

=> s l21 py<2000
MISSING OPERATOR L21 PY<2000
The search profile that was entered contains terms or
nested terms that are not separated by a logical operator.

=> py<2000
PY<2000 IS NOT A RECOGNIZED COMMAND
The previous command name entered was not recognized by the system.
For a list of commands available to you in the current file, enter
"HELP COMMANDS" at an arrow prompt (=>).

=> d l21 py<2000
'PY<2000' IS NOT A VALID FORMAT
In a multifile environment, a format can only be used if it is valid
in at least one of the files. Refer to file specific help messages
or the STNGUIDE file for information on formats available in
individual files.
REENTER DISPLAY FORMAT FOR ALL FILES (FILEDEFAULT):
REENTER DISPLAY FORMAT FOR ALL FILES (FILEDEFAULT):
REENTER DISPLAY FORMAT FOR ALL FILES (FILEDEFAULT):ti

L21 ANSWER 1 OF 3558 CAPLUS COPYRIGHT 2001 ACS
TI Methods of protein destabilization with noncleavable ubiquitin fusion proteins and uses in assays and in regulating target protein concentrations

=> d his

(FILE 'HOME' ENTERED AT 15:35:40 ON 30 AUG 2001)

FILE 'ADISALERTS, ADISINSIGHT, AGRICOLA, ANABSTR, AQUASCI, BIOBUSINESS, BIOCOMMERCE, BIOSIS, BIOTECHDS, BIOTECHNO, CABA, CANCERLIT, CAPLUS, CEABA-VTB, CEN, CIN, CONFSCI, CROPB, CROPU, DGENE, DRUGB, DRUGLAUNCH, DRUGMONOG2, DRUGNL, DRUGU, DRUGUPDATES, ...' ENTERED AT 15:36:40 ON 30 AUG 2001
L1 6847 S UBIQUI? AND REPORTER
L2 1 S L1 AND DESTABLIZ?

FILE 'STNGUIDE' ENTERED AT 15:39:04 ON 30 AUG 2001
L3 0 S L1 AND REGULAT?

FILE 'CAPLUS, MEDLINE, EMBASE' ENTERED AT 15:45:13 ON 30 AUG 2001
L4 3594 S UBIQUI? AND REPORT? AND REGULAT?
L5 170 S L4 AND ?STABILIZ?
L6 72 DUP REM L5 (98 DUPLICATES REMOVED)
L7 3233 S UBIQUI? AND (FUSE? OR FUSION) AND PROTEIN
L8 2030 S UBIQUI? AND FUSION PROTEIN
L9 190 S L8 AND REPORTER
L10 146 DUP REM L9 (44 DUPLICATES REMOVED)
SET SMA OFF
SET SMA ON
SET SMA LOGIN

FILE 'CAPLUS' ENTERED AT 15:56:01 ON 30 AUG 2001
L12 1 S L***

FILE 'CAPLUS, MEDLINE, EMBASE' ENTERED AT 15:56:08 ON 30 AUG 2001
SET SMA OFF
SET SMA ON
SET SMA LOGIN

FILE 'CAPLUS' ENTERED AT 16:00:34 ON 30 AUG 2001
L14 1 S L***

FILE 'CAPLUS, MEDLINE, EMBASE' ENTERED AT 16:00:40 ON 30 AUG 2001

FILE 'STNGUIDE' ENTERED AT 16:02:18 ON 30 AUG 2001
L15 0 S PROTEIN DEGRAD?

FILE 'CAPLUS, MEDLINE, EMBASE' ENTERED AT 16:07:13 ON 30 AUG 2001
L16 38481 S PROTEIN DEGRAD?
L17 0 S PROTEIN DEGRAD/TI
L18 0 S PROETIN DEGRAD?/TI
L19 0 S PROTEIN DEGRAD?.TI
L20 4073 S L16 AND REPORT?
L21 3558 DUP REM L20 (515 DUPLICATES REMOVED)

=> s l21 and py<2000
2 FILES SEARCHED...
L22 2713 L21 AND PY<2000

=> d 1-5 ti

L22 ANSWER 1 OF 2713 CAPLUS COPYRIGHT 2001 ACS
TI Functional significance of sperm surface mannosidase in mammalian fertilization

L22 ANSWER 2 OF 2713 CAPLUS COPYRIGHT 2001 ACS
TI Effect of cathepsins B, L, L-like and calpain on the protein degradation of surimi

L22 ANSWER 3 OF 2713 CAPLUS COPYRIGHT 2001 ACS
TI Involvement of GTP in the primary proteolysis of the D1 protein during photoinhibition of photosystem II

L22 ANSWER 4 OF 2713 CAPLUS COPYRIGHT 2001 ACS
TI Interferon-.gamma. increase the permeability of ovalbumin across the Caco-2 cells

L22 ANSWER 5 OF 2713 CAPLUS COPYRIGHT 2001 ACS
TI Dibutyryl cyclic AMP-induced enhancement of RB protein degradation in human hepatoma cells

=> d his

(FILE 'HOME' ENTERED AT 15:35:40 ON 30 AUG 2001)

FILE 'ADISALERTS, ADISINSIGHT, AGRICOLA, ANABSTR, AQUASCI, BIOBUSINESS,
BIOCOMMERCE, BIOSIS, BIOTECHDS, BIOTECHNO, CABA, CANCERLIT, CAPLUS,
CEABA-VTB, CEN, CIN, CONFSCI, CROPB, CROPU, DGENE, DRUGB, DRUGLAUNCH,
DRUGMONOG2, DRUGNL, DRUGU, DRUGUPDATES, ...' ENTERED AT 15:36:40 ON 30
AUG 2001
L1 6847 S UBIQUI? AND REPORTER
L2 1 S L1 AND DESTABLIZ?

FILE 'STNGUIDE' ENTERED AT 15:39:04 ON 30 AUG 2001
L3 0 S L1 AND REGULAT?

FILE 'CAPLUS, MEDLINE, EMBASE' ENTERED AT 15:45:13 ON 30 AUG 2001
L4 3594 S UBIQUI? AND REPORT? AND REGULAT?
L5 170 S L4 AND ?STABILIZ?
L6 72 DUP REM L5 (98 DUPLICATES REMOVED)
L7 3233 S UBIQUI? AND (FUSE? OR FUSION) AND PROTEIN
L8 2030 S UBIQUI? AND FUSION PROTEIN
L9 190 S L8 AND REPORTER
L10 146 DUP REM L9 (44 DUPLICATES REMOVED)
SET SMA OFF
SET SMA ON
SET SMA LOGIN

FILE 'CAPLUS' ENTERED AT 15:56:01 ON 30 AUG 2001
L12 1 S L***

FILE 'CAPLUS, MEDLINE, EMBASE' ENTERED AT 15:56:08 ON 30 AUG 2001
SET SMA OFF
SET SMA ON
SET SMA LOGIN

FILE 'CAPLUS' ENTERED AT 16:00:34 ON 30 AUG 2001
L14 1 S L***

FILE 'CAPLUS, MEDLINE, EMBASE' ENTERED AT 16:00:40 ON 30 AUG 2001

FILE 'STNGUIDE' ENTERED AT 16:02:18 ON 30 AUG 2001
L15 0 S PROTEIN DEGRAD?

FILE 'CAPLUS, MEDLINE, EMBASE' ENTERED AT 16:07:13 ON 30 AUG 2001
L16 38481 S PROTEIN DEGRAD?
L17 0 S PROTEIN DEGRAD/TI
L18 0 S PROETIN DEGRAD?/TI
L19 0 S PROTEIN DEGRAD?.TI
L20 4073 S L16 AND REPORT?
L21 3558 DUP REM L20 (515 DUPLICATES REMOVED)
L22 2713 S L21 AND PY<2000

=> s l22 and ?cleav?
L23 763 L22 AND ?CLEAV?

=> d 1-10

L23 ANSWER 1 OF 763 CAPLUS COPYRIGHT 2001 ACS
AN 2000:279729 CAPLUS
DN 133:263993
TI Involvement of GTP in the primary proteolysis of the D1 protein during photoinhibition of photosystem II
AU Spetea, Cornelia; Hundal, Torill; Lohmann, Felix; Andersson, Bertil
CS Department of Biochemistry, Arrhenius Laboratories for Natural Sciences,
Stockholm University, Stockholm, S-106 91, Swed.
SO Photosynth.: Mech. Eff., Proc. Int. Congr. Photosynth., 11th (1998), Volume 3, 2019-2022. Editor(s): Garab, Gyozo. Publisher: Kluwer Academic Publishers, Dordrecht, Neth.
CODEN: 68VVAS
DT Conference
LA English
RE.CNT 12
RE
(1) Adam, Z; Plant Mol Biol 1996, V32, P773 CAPLUS
(2) Andersson, B; Biochim Biophys Acta 1976, V423, P122 CAPLUS
(3) Andersson, B; Physiol Plant 1997, V100, P780 CAPLUS
(4) Aro, E; Biochim Biophys Acta 1990, V1019, P269 CAPLUS
(5) Ghanotakis, D; Biochim Biophys Acta 1984, V765, P388 CAPLUS
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L23 ANSWER 2 OF 763 CAPLUS COPYRIGHT 2001 ACS
AN 2000:152141 CAPLUS
DN 133:72110
TI Dibutyryl cyclic AMP-induced enhancement of RB protein degradation in human hepatoma cells
AU Okamoto, Yasuyuki
CS Department of Central Clinical Laboratory, Nara Medical University, Nara,
634-8522, Japan
SO Anticancer Res. (1999), 19(6B), 5181-5185
CODEN: ANTRD4; ISSN: 0250-7005
PB International Institute of Anticancer Research
DT Journal
LA English
RE.CNT 15
RE
(1) Cho-Chung, Y; Science 1981, V214, P77 CAPLUS
(2) Diederich, L; Cell Biol Toxicol 1998, V14, P133 CAPLUS
(3) Galli, G; Exp Cell Res 1993, V204, P54 CAPLUS
(4) Giuffre, L; Cancer 1988, V61, P1132 CAPLUS
(5) Janicke, R; EMBO J 1996, V15, P6969 CAPLUS
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L23 ANSWER 3 OF 763 CAPLUS COPYRIGHT 2001 ACS
AN 2000:41434 CAPLUS
DN 132:163759
TI Phosphorylation protects sperm-specific histones H1 and H2B from proteolysis after fertilization
AU Morin, Violeta; Acuna, Pamela; Diaz, Freddy; Inostroza, Diana; Martinez,
Jose; Montecino, Martin; Puchi, Marcia; Imschenetzky, Maria
CS Department of Molecular Biology, Universidad de Concepcion, Casilla,
160-C, Chile
SO J. Cell. Biochem. (1999), Volume Date 2000, 76(2), 173-180
CODEN: JCEBD5; ISSN: 0730-2312
PB Wiley-Liss, Inc.
DT Journal
LA English
RE.CNT 33
RE
(1) Abe, K; Exp Cell Res 1991, V192, P122 CAPLUS

(5) Chamberlain, J; Anal Biochem 1979, V98, P132 CAPLUS
(6) Collas, P; J Biol Chem 1997, V272, P21274 CAPLUS
(8) Crissman, H; Proc Natl Acad Sci 1991, V88, P7580 CAPLUS
(9) Dufresne, L; J Cell Sci 1991, V99, P721 CAPLUS
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L23 ANSWER 4 OF 763 CAPLUS COPYRIGHT 2001 ACS
AN 2000:11802 CAPLUS
DN 132:135460
TI The metalloproteinase matrilysin proteolytically generates active soluble
Fas ligand and potentiates epithelial cell apoptosis
AU Powell, William C.; Fingleton, Barbara; Wilson, Carole L.; Boothby, Mark;
Matrisian, Lynn M.
CS Department of Cell Biology, Vanderbilt University School of Medicine, Nashville, TN, 37232-2175, USA
SO Curr. Biol. (1999), 9(24), 1441-1447
CODEN: CUBLE2; ISSN: 0960-9822
PB Current Biology Publications
DT Journal
LA English
RE.CNT 40
RE
(1) Alexander, C; J Cell Biol 1996, V135, P1669 CAPLUS
(2) Arribas, J; J Biol Chem 1996, V271, P11376 CAPLUS
(3) Baker, A; J Clin Invest 1998, V101, P1478 CAPLUS
(4) Baragi, V; J Biol Chem 1994, V269, P12692 CAPLUS
(5) Barnett, J; Prot Exp Purif 1994, V5, P27 CAPLUS
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L23 ANSWER 5 OF 763 CAPLUS COPYRIGHT 2001 ACS
AN 2000:2091 CAPLUS
DN 132:120353
TI Efficient glycosylation site utilization by intracellular apolipoprotein B: implications for proteasomal degradation
AU Huang, Xue F.; Shelness, Gregory S.
CS Department of Pathology, Wake Forest University School of Medicine,
Winston-Salem, NC, 27157-1040, USA
SO J. Lipid Res. (1999), 40(12), 2212-2222
CODEN: JLPRAW; ISSN: 0022-2275
PB Lipid Research, Inc.
DT Journal
LA English
RE.CNT 44
RE
(1) Andersson, S; J Biol Chem 1989, V264, P8222 CAPLUS
(2) Bonifacino, J; Annu Rev Cell Dev Biol 1998, V14, P19 CAPLUS
(3) Bonnardel, J; J Biol Chem 1995, V270, P28892 CAPLUS
(4) Cavallo, D; J Biol Chem 1998, V273, P33397 CAPLUS
(5) Chuck, S; Cell 1992, V68, P9 CAPLUS
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L23 ANSWER 6 OF 763 CAPLUS COPYRIGHT 2001 ACS
AN 1999:765085 CAPLUS
DN 132:77555
TI Human dendritic cells shed a functional, soluble form of the mannose receptor
AU Jordens, Reina; Thompson, Allan; Amons, Reinout; Koning, Frits
CS Department of Immunohaematology and Blood Bank, Leiden University Medical
Center, Leiden, 2300 RC, Neth.
SO Int. Immunol. (1999), 11(11), 1775-1780
CODEN: INIMEN; ISSN: 0953-8178
PB Oxford University Press
DT Journal
LA English
RE.CNT 34
RE
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(3) Ehlers, M; Biochemistry 1991, V30, P10065 CAPLUS
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(5) Ezekowitz, R; J Exp Med 1990, V172, P1785 CAPLUS
(7) Fernandez-Patron, C; Anal Biochem 1995, V224, P203 CAPLUS
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L23 ANSWER 7 OF 763 CAPLUS COPYRIGHT 2001 ACS
AN 1999:750645 CAPLUS
DN 132:149452
TI Proteolytic degradation of the retinoblastoma family protein p107: a putative cooperative role of calpain and proteasome
AU Jang, Joung Soon; Choi, Yung Hyun
CS Department of Internal Medicine, Gyeongsang National University College of
Medicine and Gyeongsang Institute of Cancer Research, Jinju, 660-701, S.
Korea
SO Int. J. Mol. Med. (1999), 4(5), 487-492
CODEN: IJMMFG; ISSN: 1107-3756
PB International Journal of Molecular Medicine
DT Journal
LA English
RE.CNT 30
RE
(1) Alberts, A; Proc Natl Acad Sci USA 1980, V77, P3957 CAPLUS
(2) Beijersbergen, R; Biochim Biophys Acta 1996, V1287, P103 CAPLUS
(3) Boyer, S; Cancer Res 1996, V56, P4620 CAPLUS
(4) Choi, Y; J Biol Chem 1997, V272, P28479 CAPLUS
(5) Ciechanover, A; Cell 1994, V79, P13 CAPLUS
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L23 ANSWER 8 OF 763 CAPLUS COPYRIGHT 2001 ACS
AN 1999:707166 CAPLUS
DN 132:2293
TI Inactivation of proprotein convertase, PACE4, by .alpha.1-antitrypsin Portland (.alpha.1-PDX), a blocker of proteolytic activation of bone
morphogenetic protein during embryogenesis: evidence that PACE4 is able to
form an SDS-stable acyl intermediate with .alpha.1-PDX
AU Tsuji, Akihiko; Hashimoto, Emi; Ikoma, Takayuki; Taniguchi, Takazumi;
Mori, Kenji; Nagahama, Masami; Matsuda, Yoshiko
CS Department of Biological Science and Technology, Faculty of Engineering,
The University of Tokushima, Tokushima, 770-8506, Japan
SO J. Biochem. (Tokyo) (1999), 126(3), 591-603
CODEN: JOBIAO; ISSN: 0021-924X
PB Japanese Biochemical Society
DT Journal
LA English
RE.CNT 51
RE
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(5) Bradford, M; Anal Biochem 1976, V72, P248 CAPLUS
(6) Brakch, N; FEBS Lett 1995, V362, P143 CAPLUS
(7) Bruzzaniti, A; Biochem J 1996, V314, P727 CAPLUS
(8) Constam, D; J Cell Biol 1996, V134, P181 CAPLUS
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L23 ANSWER 9 OF 763 CAPLUS COPYRIGHT 2001 ACS
AN 1999:697151 CAPLUS
DN 132:31226
TI Cleavage of the death domain kinase RIP by Caspase-8 prompts TNF-induced apoptosis
AU Lin, Yong; Devin, Anne; Rodriguez, Yolanda; Liu, Zheng-Gang
CS Department of Cell and Cancer Biology, Medicine Branch, Division of Clinical Sciences, National Cancer Institute, National Institutes of Health, Bethesda, MD, 20892, USA
SO Genes Dev. (1999), 13(19), 2514-2526
CODEN: GEDEEP; ISSN: 0890-9369
PB Cold Spring Harbor Laboratory Press
DT Journal
LA English
RE.CNT 61
RE
(1) Ashkenazi, A; Science 1998, V281, P1305 CAPLUS
(2) Baeuerle, P; Cell 1996, V87, P13 CAPLUS
(3) Baeuerle, P; Cell 1998, V95, P729 CAPLUS
(5) Beg, A; Science 1996, V274, P782 CAPLUS
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ALL CITATIONS AVAILABLE IN THE RE FORMAT

L23 ANSWER 10 OF 763 CAPLUS COPYRIGHT 2001 ACS
AN 1999:675847 CAPLUS
DN 132:20878
TI Palmitoylation of the intracytoplasmic R peptide of the transmembrane envelope protein in Moloney murine leukemia virus
AU Olsen, Katharina E. P.; Andersen, Klaus B.
CS Department of Pharmacology, The Royal Danish School of Pharmacy,
Copenhagen , DK-2100, Den.
SO J. Virol. (1999), 73(11), 8975-8981
CODEN: JOVIAM; ISSN: 0022-538X
PB American Society for Microbiology
DT Journal
LA English
RE.CNT 49
RE
(1) Ames, G; Biochemistry 1976, V15, P616 CAPLUS
(3) Battini, J; J Virol 1992, V66, P1468 CAPLUS
(4) Berger, M; FEBS Lett 1985, V187, P289 CAPLUS
(5) Bonatti, S; J Biol Chem 1989, V264, P12590 CAPLUS
(6) Cadwallader, K; Mol Cell Biol 1994, V14, P4722 CAPLUS
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> s (ubiqu? and ?stabil? and report?)/ti
LEFT TRUNCATION IGNORED FOR '?STABIL?' FOR FILE 'CAPLUS'
LEFT TRUNCATION IGNORED FOR '?STABIL?' FOR FILE 'MEDLINE'
LEFT TRUNCATION IGNORED FOR '?STABIL?' FOR FILE 'EMBASE'
L24 0 (UBIQU? AND ?STABIL? AND REPORT?)/TI
Left truncation is not valid in the specified search field in the specified file. The term has been searched without left truncation.
Examples: '?TERPEN?' would be searched as 'TERPEN?' and '?FLAVONOID'

would be searched as 'FLAVONOID.'

If you are searching in a field that uses implied proximity, and you used a truncation symbol after a punctuation mark, the system may interpret the truncation symbol as being at the beginning of a term. Implied proximity is used in search fields indexed as single words, for example, the Basic Index.

=> s (ubiqu? and stabil? and report?)/ti
L25 0 (UBIQU? AND STABIL? AND REPORT?)/TI

=> s ubiq?/ti
L26 14788 UBIQ?/TI

=> s (stack, J? or Stack J)/au
L27 419 (STACK, J? OR STACK J)/AU

=> d 1-10

L27 ANSWER 1 OF 419 CAPLUS COPYRIGHT 2001 ACS
AN 2001:582076 CAPLUS
TI Methods of protein destabilization with noncleavable ubiquitin fusion proteins and uses in assays and in regulating target protein concentrations
IN Stack, Jeffrey H.; Whitney, Michael; Cubitt, Andrew B.; Pollok, Brian A.
PA Aurora Biosciences Corporation, USA
SO PCT Int. Appl., 171 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2001057242	A2	20010809	WO 2001-US103791	20010202

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
PRAI US 2000-498098 A2 20000204

L27 ANSWER 2 OF 419 CAPLUS COPYRIGHT 2001 ACS
AN 2001:347350 CAPLUS
TI Printed wiring board wireability enhancement
IN Arndt, Steven Frederick; Budman, Mark; Stack, James Richard
PA International Business Machines Corporation, USA
SO U.S., 10 pp.
CODEN: USXXAM
DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI US 6232564	B1	20010515	US 1998-169693	19981009

RE.CNT 9
RE
(1) Buckley; US 5477082 1995
(2) Carey; US 5438166 1995
(3) Howard; US 5708569 1998
(4) Kanno; US 4791238 1988
(5) Kutch, G; IBM Technical Disclosure Bulletin 1971, V13(12), P3653
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L27 ANSWER 3 OF 419 CAPLUS COPYRIGHT 2001 ACS
AN 2001:327257 CAPLUS
DN 134:317103
TI Monopoles, vortices and confinement in SU(3) lattice gauge theory
AU Wensley, Roy; Stack, John
CS Department of Physics and Astronomy, Saint Mary's College, Moraga, CA, 94575, USA
SO Nucl. Phys. B, Proc. Suppl. (2001), 94(Lattice 2000), 537-540
CODEN: NPBSE7; ISSN: 0920-5632
PB Elsevier Science B.V.
DT Journal
LA English
RE.CNT 12
RE
(3) Banks, T; Nucl Phys 1977, VB129, P493 CAPLUS
(4) Bornyakov, V; JETP Lett 2000, V71, P231 CAPLUS
(8) Matsubara, Y; Nucl Phys B (Proc Suppl) 1995, V42, P529 CAPLUS
(10) Stack, J; Nucl Phys 1992, VB371, P597 CAPLUS
(12) Yee, K; Mod Phys Lett A 1994, P1991 CAPLUS
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L27 ANSWER 4 OF 419 CAPLUS COPYRIGHT 2001 ACS
AN 2001:327255 CAPLUS
TI The Gribov ambiguity for maximal Abelian and center gauges in SU(2) lattice gauge theory
AU Stack, John D.; Tucker, William W.
CS Department of Physics, University of Illinois at Urbana-Champaign, Urbana, IL, 68101, USA
SO Nucl. Phys. B, Proc. Suppl. (2001), 94(Lattice 2000), 529-531
CODEN: NPBSE7; ISSN: 0920-5632
PB Elsevier Science B.V.
DT Journal
LA English
RE.CNT 11
RE
(1) Bali, G; Phys Rev 1995, VD51, P5165
(2) Bali, G; Phys Rev 1996, VD54, P2863
(3) Bertle, R; hep-lat/0010058
(4) Bornyakov, V; JETP Lett 2000, V71, P231 CAPLUS
(5) Bornyakov, V; hep-lat/0009035 CAPLUS
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L27 ANSWER 5 OF 419 CAPLUS COPYRIGHT 2001 ACS
AN 2000:887483 CAPLUS
DN 134:128067
TI A ubiquitin-based tagging system for controlled modulation of protein stability
AU Stack, Jeffrey H.; Whitney, Michael; Rodems, Steven M.; Pollok, Brian A.
CS Aurora Biosciences Corp., San Diego, CA, 92121, USA
SO Nat. Biotechnol. (2000), 18(12), 1298-1302
CODEN: NABIF9; ISSN: 1087-0156
PB Nature America Inc.
DT Journal
LA English
RE.CNT 25
RE
(1) Bachmair, A; Cell 1989, V56, P1019 CAPLUS
(2) Bachmair, A; Science 1986, V234, P179 CAPLUS
(3) Butt, T; J Biol Chem 1988, V263, P16364 CAPLUS
(5) Corish, P; Protein Eng 1999, V12, P1035 CAPLUS
(6) Dantuma, N; Nat Biotechnol 2000, V18, P538 CAPLUS
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L27 ANSWER 6 OF 419 CAPLUS COPYRIGHT 2001 ACS
AN 2000:850622 CAPLUS
DN 135:105
TI Development and application of a GFP-FRET intracellular caspase assay for drug screening
AU Jones, Jay; Heim, Roger; Hare, Eric; Stack, Jeffrey; Pollok, Brian A.
CS Aurora Biosciences Corporation, San Diego, CA, 92121, USA
SO J. Biomol. Screening (2000), 5(5), 307-317
CODEN: JBISF3; ISSN: 1087-0571
PB Mary Ann Liebert, Inc.
DT Journal
LA English
RE.CNT 25
RE
(1) Chandler, J; J Biol Chem 1998, V273, P10815 CAPLUS
(3) Dolle, R; J Med Chem 1994, V37, P563 CAPLUS
(5) Green, D; Cell 1998, V94, P695 CAPLUS
(6) Grynkiewicz, G; J Biol Chem 1985, V260, P3440 CAPLUS
(7) Heim, R; Methods Enzymol 1999, V302, P408 CAPLUS
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L27 ANSWER 7 OF 419 CAPLUS COPYRIGHT 2001 ACS
AN 2000:814004 CAPLUS
DN 134:121845
TI Cooling, monopoles, and vortices in SU(2) lattice gauge theory
AU Stack, John D.; Tucker, William W.; Hart, Alistair
CS Dep. Physics, Univ. Illinois, Urbana, IL, 61801, USA
SO Los Alamos Natl. Lab., Prepr. Arch., High Energy Phys.--Lattice (2000)
1-10, arXiv:hep-lat/0011057, 13 Nov 2000
CODEN: LNHLFF
URL: http://xxx.lanl.gov/pdf/hep-lat/0011057
PB Los Alamos National Laboratory
DT Journal; (preprint)
LA English
RE.CNT 10
RE
(1) Bali, G; Phys Rev D 1996, V54, P2863 CAPLUS
(3) Brower, R; Nucl Phys B (Proc Suppl) 1999, V73, P512 CAPLUS
(4) DeGrand, T; Phys Rev D 1980, V22, P2478 CAPLUS
(9) Kovacs, T; Phys Rev D 1998, V57, P4054 CAPLUS
(10) Stack, J; Phys Rev D 1994, V50, P3399 CAPLUS
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L27 ANSWER 8 OF 419 CAPLUS COPYRIGHT 2001 ACS
AN 2000:806790 CAPLUS
DN 134:62727
TI The Gribov ambiguity for maximal Abelian and center gauges in SU(2) lattice gauge theory
AU Stack, John D.; Tucker, William W.
CS Dep. Phys., Univ. Illinois, Urbana-Champaign, Urbana, IL, 68101, USA
SO Los Alamos Natl. Lab., Prepr. Arch., High Energy Phys.--Lattice (2000)
1-3, arXiv:hep-lat/0011034, 6 Nov 2000
CODEN: LNHLFF
URL: http://xxx.lanl.gov/pdf/hep-lat/0011034
PB Los Alamos National Laboratory
DT Journal; (preprint)
LA English
RE.CNT 11
RE
(1) Bali, G; Phys Rev D 1995, V51, P5165 CAPLUS
(2) Bali, G; Phys Rev D 1996, V54, P2863 CAPLUS
(4) Bornyakov, V; JETP Lett 2000, V71, P231 CAPLUS
(6) DeGrand, T; Phys Rev D 1980, V22, P2478 CAPLUS
(8) Hart, A; Phys Rev D 1997, V55, P3756 CAPLUS
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L27 ANSWER 9 OF 419 CAPLUS COPYRIGHT 2001 ACS
AN 2000:784605 CAPLUS
DN 134:77516
TI Monopoles, vortices and confinement in SU(3) lattice gauge theory
AU Wensley, Roy; Stack, John
CS Dep. Phsyics Astronomy, Saint Mary's College, Moraga, CA, 94575, USA
SO Los Alamos Natl. Lab., Prepr. Arch., High Energy Phys.--Lattice (2000)
1-4, arXiv:hep-lat/0011020, 2 Nov 2000
CODEN: LNHLFF
URL: http://xxx.lanl.gov/pdf/hep-lat/0011020
PB Los Alamos National Laboratory
DT Journal; (preprint)
LA English
RE.CNT 12
RE
(2) Bali, G; Phys Rev D 1996, V54, P2863 CAPLUS
(4) Bornyakov, V; JETP Lett 2000, V71, P231 CAPLUS
(6) Del Debbio, L; Phys Rev D 1997, V55, P2298 CAPLUS
(8) Matsubara, Y; Nucl Phys Proc Suppl 1995, V42, P529 CAPLUS
(11) Stack, J; Phys Rev D 1994, V50, P3399 CAPLUS
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L27 ANSWER 10 OF 419 CAPLUS COPYRIGHT 2001 ACS
AN 2000:719200 CAPLUS
DN 134:290249
TI Allelic variation in the serotonin transporter promoter affects onset of paroxetine treatment response in late-life depression
AU Pollock, B. G.; Ferrell, R. E.; Mulsant, B. H.; Mazumdar, S.; Miller, M.; Sweet, R. A.; Davis, S.; Kirshner, M. A.; Houck, P. R.; Stack, J. A.; Reynolds, C. F.; Kupfer, D. J.
CS Intervention Research Center for Late-Life Mood Disorders and the Geriatric Psychopharmacology Program, Graduate School of Public Health,
Pittsburgh, PA, USA
SO Neuropsychopharmacology (2000), 23(5), 587-590
CODEN: NEROEW; ISSN: 0893-133X
PB Elsevier Science Inc.
DT Journal
LA English
RE.CNT 14
RE
(1) Collier, D; Mol Psychiatry 1996, V1, P453 CAPLUS
(4) Foglia, J; J Chromatogr Biol Med Appl 1997, V693, P147 CAPLUS
(7) Heils, A; J Neurochemistry 1996, V66, P2621 CAPLUS
(8) Lesch, K; Science 1996, V274, P1527 CAPLUS
(10) Pollock, B; Neuropsychopharmacology 1992, V6, P1 CAPLUS
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> FIL STNGUIDE
COST IN U.S. DOLLARS SINCE FILE ENTRY TOTAL SESSION
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LAST RELOADED: Aug 24, 2001 (20010824/UP).

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FULL ESTIMATED COST 0.00 224.76

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NEWS 4 Feb 16 TOXLINE no longer being updated
NEWS 5 Apr 23 Search Derwent WPINDEX by chemical structure
NEWS 6 Apr 23 PRE-1967 REFERENCES NOW SEARCHABLE IN CAPLUS AND CA
NEWS 7 May 07 DGENE Reload
NEWS 8 Jun 20 Published patent applications (A1) are now in USPATFULL
NEWS 9 JUL 13 New SDI alert frequency now available in Derwent's DWPI and DPCI
NEWS 10 Aug 23 In-process records and more frequent updates now in MEDLINE
NEWS 11 Aug 23 PAGE IMAGES FOR 1947-1966 RECORDS IN CAPLUS AND CA
NEWS 12 Aug 23 Adis Newsletters (ADISNEWS) now available on STN

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AND CURRENT DISCOVER FILE IS DATED 07 AUGUST 2001
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FILE 'HOME' ENTERED AT 13:14:09 ON 06 SEP 2001

=> fil caplus, embase, medline
COST IN U.S. DOLLARS SINCE FILE TOTAL
ENTRY SESSION
FULL ESTIMATED COST 0.15 0.15

FILE 'CAPLUS' ENTERED AT 13:14:20 ON 06 SEP 2001
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FILE 'MEDLINE' ENTERED AT 13:14:20 ON 06 SEP 2001

=> s ubiquit? domain and (multimer or multiple or tandem or dosage effect)
L1 6 UBIQUIT? DOMAIN AND (MULTIMER OR MULTIPLE OR TANDEM OR DOSAGE EFFECT)

=> l 1-6 ti
L IS NOT A RECOGNIZED COMMAND
The previous command name entered was not recognized by the system.
For a list of commands available to you in the current file, enter
"HELP COMMANDS" at an arrow prompt (=>).

=> d 1-6 ti

L1 ANSWER 1 OF 6 CAPLUS COPYRIGHT 2001 ACS
TI Domains of the Rsp5 ubiquitin-protein ligase required for receptor-mediated and fluid-phase endocytosis

L1 ANSWER 2 OF 6 CAPLUS COPYRIGHT 2001 ACS
TI The binding site for UCH-L3 on ubiquitin: mutagenesis and NMR studies on
the complex between ubiquitin and UCH-L3

L1 ANSWER 3 OF 6 CAPLUS COPYRIGHT 2001 ACS
TI Mapping the ubiquitin-binding domains in the p54 regulatory complex subunit of the Drosophila 26S protease

L1 ANSWER 4 OF 6 CAPLUS COPYRIGHT 2001 ACS
TI Positive regulation of general transcription factor SIII by a tailed ubiquitin homolog

L1 ANSWER 5 OF 6 EMBASE COPYRIGHT 2001 ELSEVIER SCI. B.V.
TI The binding site for UCH-L3 on ubiquitin: Mutagenesis and NMR studies on
the complex between ubiquitin and UCH-L3.

L1 ANSWER 6 OF 6 MEDLINE
TI The binding site for UCH-L3 on ubiquitin: mutagenesis and NMR studies on
the complex between ubiquitin and UCH-L3.

=> d 4 all

L1 ANSWER 4 OF 6 CAPLUS COPYRIGHT 2001 ACS
AN 1995:736530 CAPLUS
DN 123:331391
TI Positive regulation of general transcription factor SIII by a tailed ubiquitin homolog
AU Garrett, Karla Pfeil; Aso, Teijiro; Bradsher, John N.; Foundling, Stephen
I.; Lane, William S.; Conaway, Ronald C.; Conaway, Joan Weliky
CS Program in Molecular and Cell Biology, Oklahoma Medical Res. Foundation,
Oklahoma City, OK, 73104, USA
SO Proc. Natl. Acad. Sci. U. S. A. (1995), 92(16), 7172-6
CODEN: PNASA6; ISSN: 0027-8424
DT Journal
LA English
CC 3-3 (Biochemical Genetics)
Section cross-reference(s): 6, 13
AB General transcription factor SIII, a heterotrimer composed of 110-kDa (p110), 18-kDa (p18), and 15-kDa (p15) subunits, increases the catalytic
rate of transcribing RNA polymerase II by suppressing transient pausing by
polymerase at multiple sites on DNA templates. Here the authors report mol. cloning and biochem. characterization of the SIII p18 subunit,
which is found to be a member of the ubiquitin homol. (UbH) gene family
and functions as a pos. regulatory subunit of SIII. P18 is a 118-amino acid protein composed of an 84-residue N-terminal UbH domain fused to a
34-residue C-terminal tail. Mechanistic studies indicate that p18 activates SIII transcriptional activity above a basal level inherent in the SIII p110 and p15 subunits. Taken together, these findings establish
a role for p18 in regulating the activity of the RNA polymerase II elongation complex, and they bring to light a function for a UbH domain protein in transcriptional regulation.
ST rat transcription factor SIII p18 sequence; subunit p18 sequence cDNA
transcription factor; RNA polymerase interaction transcription factor SIII; ubiquitin transcription factor SIII subunit p18
IT Proteins, specific or class
RL: BAC (Biological activity or effector, except adverse); BPR (Biological
process); PRP (Properties); BIOL (Biological study); PROC (Process)
(SIII p18 subunit as ubiquitin domain protein;
function for UbH domain protein in transcriptional regulation)
IT Ribonucleic acid formation factors
RL: BAC (Biological activity or effector, except adverse); BPR (Biological
process); PRP (Properties); BIOL (Biological study); PROC (Process)
(SIII, p18 subunit; function for UbH domain protein in transcriptional regulation)
IT Molecular association
Protein sequences
Rat
Transcription, genetic
(function for UbH domain protein in transcriptional regulation)
IT Gene, animal
RL: PRP (Properties)
(function for UbH domain protein in transcriptional regulation)
IT Deoxyribonucleic acid sequences
(complementary, function for UbH domain protein in transcriptional regulation)
IT 9014-24-8, RNA polymerase
RL: BAC (Biological activity or effector, except adverse); BPR (Biological
process); BIOL (Biological study); PROC (Process)
(II, subunit p18 relating to; function for UbH domain protein in transcriptional regulation)
IT 165885-80-3
RL: BAC (Biological activity or effector, except adverse); BPR (Biological
process); PRP (Properties); BIOL (Biological study); PROC (Process)
(amino acid sequence; function for UbH domain protein in transcriptional regulation)
IT 60267-61-0, Ubiquitin
RL: BSU (Biological study, unclassified); BIOL (Biological study)
(function for UbH domain protein in transcriptional regulation)
IT 170389-88-5
RL: PRP (Properties)
(nucleotide sequence; function for UbH domain protein in transcriptional regulation)

=> s UbH domain and transcription? regulat?
L2 3 UBH DOMAIN AND TRANSCRIPTION? REGULAT?

=> d 1-3 ti

L2 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2001 ACS
TI Positive regulation of general transcription factor SIII by a tailed ubiquitin homolog

L2 ANSWER 2 OF 3 EMBASE COPYRIGHT 2001 ELSEVIER SCI. B.V.
TI Positive regulation of general transcription factor SIII by a tailed ubiquitin homolog.

L2 ANSWER 3 OF 3 MEDLINE
TI Positive regulation of general transcription factor SIII by a tailed ubiquitin homolog.

=> s ubiquit? and regulat?/ti
L3 4039 UBIQUIT? AND REGULAT?/TI

=> s ubiquit? and reporter regulat?
L4 1 UBIQUIT? AND REPORTER REGULAT?

=> d

L4 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2001 ACS
AN 2001:397050 CAPLUS
DN 135:1241
TI Regulated expression constructs for cyclin dependent kinase inhibitor genes and their use in identification of genes regulated by them
IN Chang, Bey-dih; Roninson, Igor B.
PA Board of Trustees of the University of Illinois, USA
SO PCT Int. Appl., 136 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 2

PATENT NO. KIND DATE APPLICATION NO. DATE
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PI WO 2001038532 A2 20010531 WO 2000-US28082 20001011
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR,
HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT,
LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU,
SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN,
YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
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DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ,
CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
WO 2000061751 A1 20001019 WO 2000-US9286 20000407
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DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS,
JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK,
MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ,
TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ,
MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE,
DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF,
CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
PRAI US 1999-449589 A2 19991129
WO 2000-US9286 A2 20000407
US 1999-128676 P 19990409

=> d 1 abs

L4 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2001 ACS
AB This invention provides methods and reagents for identifying genes involved in cell cycle progression, growth promotion, modulation of apoptosis, cellular senescence and aging, and methods for identifying compds. that inhibit or potentiate cellular senescence. Specifically, genes for p16 or p21 cyclin-dependent kinase inhibitors (CDK inhibitors) are placed under the control of promoters with known patterns of regulation and the effects of expression of genes for the CDK inhibitors on patterns of gene expression and cellular phenotypes are detd. These expression constructs can be used to screen for effectors of the inhibitors that can be used to control the cell cycle and cell aging or apoptosis. HT-1080 cells were transformed with an expression construct for a p21 from a cytomegalovirus promoter under control of the lac repressor. This allowed lactose-dependent expression of the p21 gene. Induction of the gene led to a loss of clonogenicity and to an increased no. of abnormal mitotic figures and endoreduplication. A no. of genes that were induced or repressed by p21 expression were identified and patterns of regulation by other stimuli were studied..

=> FIL STNGUIDE

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
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LAST RELOADED: Aug 31, 2001 (20010831/UP).

=> s protein degradation signal
7 PROTEIN
2 DEGRADATION
0 SIGNAL
L5 0 PROTEIN DEGRADATION SIGNAL
(PROTEIN(W)DEGRADATION(W)SIGNAL)

=> fil caplus, embase, medline

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.00	39.25

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	0.00	-1.18

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=> s protein degradation signal
L6 26 PROTEIN DEGRADATION SIGNAL

=> dup
ENTER REMOVE, IDENTIFY, ONLY, OR (?):rem
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PROCESSING COMPLETED FOR L6
L7 20 DUP REM L6 (6 DUPLICATES REMOVED)

=> d 1-7ti
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REENTER DISPLAY FORMAT FOR ALL FILES (FILEDEFAULT):ti

L7 ANSWER 1 OF 20 MEDLINE
TI Degradation signals within both terminal domains of the cauliflower mosaic virus capsid protein precursor.

=> d 1-10 ti

L7 ANSWER 1 OF 20 MEDLINE
TI Degradation signals within both terminal domains of the cauliflower mosaic virus capsid protein precursor.

L7 ANSWER 2 OF 20 EMBASE COPYRIGHT 2001 ELSEVIER SCI. B.V.
TI Application of the PHO5-gene-fusion technology to molecular genetics and biotechnology in yeast.

L7 ANSWER 3 OF 20 EMBASE COPYRIGHT 2001 ELSEVIER SCI. B.V.DUPLICATE 1
TI Degradation of transcription factor IRF-1 by the ubiquitin-proteasome pathway. The C-terminal region governs the protein stability.

L7 ANSWER 4 OF 20 CAPLUS COPYRIGHT 2001 ACS
TI Hepatocellular hydration: signal transduction and functional implications

L7 ANSWER 5 OF 20 CAPLUS COPYRIGHT 2001 ACS
TI Intracellular proteolysis: signals of selective protein degradation

L7 ANSWER 6 OF 20 CAPLUS COPYRIGHT 2001 ACS
TI Signal-induced protein degradation by the ubiquitin ligase complex, SCF

L7 ANSWER 7 OF 20 CAPLUS COPYRIGHT 2001 ACS
TI Evaluation of signals activating ubiquitin-proteasome proteolysis in a model of muscle wasting

L7 ANSWER 8 OF 20 CAPLUS COPYRIGHT 2001 ACS
TI Dissection of pathways leading to antigen receptor-induced and Fas/CD95-induced apoptosis in human B cells

L7 ANSWER 9 OF 20 CAPLUS COPYRIGHT 2001 ACS
TI Signal-dependent degradation of I.kappa.B.alpha. is mediated by an inducible destruction box that can be transferred to NF-.kappa.B, Bcl-3 or p53

L7 ANSWER 10 OF 20 CAPLUS COPYRIGHT 2001 ACS DUPLICATE 2
TI Notch/LIN-12 signaling: transduction by regulated protein slicing

=> d 11-20 ti

L7 ANSWER 11 OF 20 CAPLUS COPYRIGHT 2001 ACS

TI Phosphorylation of I.kappa.B-.alpha. inhibits its cleavage by caspase CPP32 in vitro

L7 ANSWER 12 OF 20 CAPLUS COPYRIGHT 2001 ACS
TI The Listeria monocytogenes-secreted p60 protein is an N-end rule substrate
in the cytosol of infected cells. Implications for major histocompatibility complex class I antigen processing of bacterial proteins

L7 ANSWER 13 OF 20 CAPLUS COPYRIGHT 2001 ACS
TI The signal response of I.kappa.B.alpha. is regulated by transferable N-
and C-terminal domains

L7 ANSWER 14 OF 20 CAPLUS COPYRIGHT 2001 ACS
TI Signals regulating accelerated muscle protein catabolism in uremia

L7 ANSWER 15 OF 20 EMBASE COPYRIGHT 2001 ELSEVIER SCI. B.V.DUPLICATE 3
TI Phosphorylation events associated with different states of activation of a
hepatic cardiolipin/protease-activated protein kinase. Structural identity to the protein kinase N-type protein kinases.

L7 ANSWER 16 OF 20 CAPLUS COPYRIGHT 2001 ACS
TI Mixed mechanisms in yeast pre-mRNA splicing?

L7 ANSWER 17 OF 20 EMBASE COPYRIGHT 2001 ELSEVIER SCI. B.V.DUPLICATE 4
TI Metabolism of the polyubiquitin degradation signal: Structure, mechanism,
and role of isopeptidase T.

L7 ANSWER 18 OF 20 MEDLINE
TI Heteronuclear three-dimensional NMR spectroscopy of a partially denatured
protein: the A-state of human ubiquitin.

L7 ANSWER 19 OF 20 EMBASE COPYRIGHT 2001 ELSEVIER SCI. B.V.DUPLICATE 5
TI Isolation of cDNA clone encoding rat senescence marker protein-30 (SMP30)
and its tissue distribution.

L7 ANSWER 20 OF 20 EMBASE COPYRIGHT 2001 ELSEVIER SCI. B.V.DUPLICATE 6
TI Protein synthesis, posttranslational modifications, and aging.

=> d 17 abs, so

L7 ANSWER 17 OF 20 EMBASE COPYRIGHT 2001 ELSEVIER SCI. B.V.DUPLICATE 4
AB A necessary step in ubiquitin-dependent proteolysis is the addition of a
polyubiquitin chain to the target protein. This ubiquitinated protein is degraded by a multisubunit complex known as the 26S proteasome. The
polyubiquitin chain is probably not released until a late stage in the proteolysis by the proteasome. It is subsequently disassembled to yield functional ubiquitin monomers. Here we present evidence that a 93 kDa
protein, isopeptidase T, has the properties expected for the enzyme which
disassembles these branched polyubiquitin chains. Protein and cDNA sequencing revealed that isopeptidase T is a member of the ubiquitin specific protease family (UBP). Isopeptidase T disassembles branched polyubiquitin chains (linked by the G76-K48 isopeptide bond) by a sequential exo mechanism, starting at the proximal end of the chain (the
proximal ubiquitin contains a free carboxyl-terminus). Isopeptidase T prefers to disassemble chains in which there is an intact and unblocked RGG sequence at the C-terminus of the proximal subunit. Rates of disassembly are reduced when G76 of the proximal ubiquitin is modified,
for example, by ligation to substrate protein, by esterification, by replacement of the proximal glycine with alanine (G76A), or by truncation.
Linear proubiquitin is only a poor substrate. Observed rates and specificity are consistent with isopeptidase T playing a major role in disassembly of polyubiquitin chains. The high discrimination against chains that are blocked or modified at the proximal end indicates that the
enzyme acts after release of the chains froth conjugated proteins or degradation intermediates. Thus, the proteolytic degradation signal is not
disassembled by isopeptidase T before the ubiquitinated protein is degraded. These (and earlier) results suggest that UBP isozymes may exhibit significant substrate specificity, consistent with a role in the regulated catabolism of the polymeric ubiquitin, including the polyubiquitin protein degradation signal.
SO Biochemistry, (1995) 34/44 (14535-14546).
ISSN: 0006-2960 CODEN: BICHAW

=> s polyubiquit? and (proteoly? or degrad? or breakdown)
L8 626 POLYUBIQUIT? AND (PROTEOLY? OR DEGRAD? OR BREAKDOWN)

=> s polyubiquit? and (proteoly? or degrad? or breakdown)/ti
L9 247 POLYUBIQUIT? AND (PROTEOLY? OR DEGRAD? OR BREAKDOWN)/TI

=> d 1-10 ti

L9 ANSWER 1 OF 247 CAPLUS COPYRIGHT 2001 ACS
TI Polyamine analogues inhibit the ubiquitination of spermidine/spermine N1-acetyltransferase and prevent its targeting to the proteasome for degradation

L9 ANSWER 2 OF 247 CAPLUS COPYRIGHT 2001 ACS
TI Space shuttle flight (STS-90) enhances degradation of rat myosin heavy chain in association with activation of ubiquitin-proteasome pathway

L9 ANSWER 3 OF 247 CAPLUS COPYRIGHT 2001 ACS
TI A complex degradation signal in Cyclin A required for G1 arrest, and a C-terminal region for mitosis

L9 ANSWER 4 OF 247 CAPLUS COPYRIGHT 2001 ACS
TI Ubiquitin-proteasome-dependent proteolysis: a complex machinery specialized in the selective and highly controlled breakdown of proteins

L9 ANSWER 5 OF 247 CAPLUS COPYRIGHT 2001 ACS
TI Regulation of the cell cycle at the G1-S transition by proteolysis of cyclin E and p27Kip1

L9 ANSWER 6 OF 247 CAPLUS COPYRIGHT 2001 ACS
TI Role of proteasomal degradation in the cell cycle-dependent regulation of DNA topoisomerase II.alpha. expression

L9 ANSWER 7 OF 247 CAPLUS COPYRIGHT 2001 ACS
TI Accelerated HER-2 degradation enhances ovarian tumor recognition by CTL. Implications for tumor immunogenicity

L9 ANSWER 8 OF 247 CAPLUS COPYRIGHT 2001 ACS
TI The F-Box Protein SKP2 Binds to the Phosphorylated Threonine 380 in Cyclin
E and Regulates Ubiquitin-Dependent Degradation of Cyclin E

L9 ANSWER 9 OF 247 CAPLUS COPYRIGHT 2001 ACS
TI Shared pathways of I.kappa.B kinase-induced SCF.beta.TrCP-mediated
ubiquitination and degradation for the NF-.kappa.B precursor p105 and I.kappa.B.alpha.

L9 ANSWER 10 OF 247 CAPLUS COPYRIGHT 2001 ACS
TI Rapid polyubiquitination and proteasomal degradation of a mutant form of NAD(P)H:quinone oxidoreductase 1

=> d 8 so, abs

L9 ANSWER 8 OF 247 CAPLUS COPYRIGHT 2001 ACS
SO Biochem. Biophys. Res. Commun. (2001), 281(4), 884-890
CODEN: BBRCA9; ISSN: 0006-291X
AB Cyclin E is required for S phase entry. The subsequent ubiquitin-dependent degrdn. of cyclin E contributes to an orderly progression of the S phase. It has been shown that phosphorylation of threonine 380 (Thr380) in cyclin E provides a signal for its ubiquitin-dependent proteolysis. We report that SKP2, an F-box protein
and a substrate-targeting component of the SCFSKP2 ubiquitin E3 ligase
complex, mediates cyclin E degrdn. In vitro, SKP2 specifically interacted
with the cyclin E peptide contg. the phosphorylated-Thr380 but not with a
cognate nonphosphorylated peptide. In vivo, expression of SKP2 induced
cyclin E polyubiquitination and degrdn. Conversion of Thr380 into nonphosphorylatable amino acids caused significant resistance of cyclin E to SKP2. The presence of the CDK inhibitor p27Kip1 also prevented the SKP2-dependent degrdn. of cyclin E. Our findings suggest
that SKP2 regulates cyclin E stability, thus contributing to the control of S phase progression. (c) 2001 Academic Press.

=> s (polyubiquit? and (proteoly? or degrad? or breakdown))/ti and py<1999
2 FILES SEARCHED...
L10 18 (POLYUBIQUIT? AND (PROTEOLY? OR DEGRAD? OR BREAKDOWN))/TI AND

PY<1999

=> d 1-18 so, ti

L10 ANSWER 1 OF 18 CAPLUS COPYRIGHT 2001 ACS
SO EMBO J. (1997), 16(16), 4826-4838
CODEN: EMJODG; ISSN: 0261-4189
TI In vivo disassembly of free polyubiquitin chains by yeast Ubp14 modulates rates of protein degradation by the proteasome

L10 ANSWER 2 OF 18 CAPLUS COPYRIGHT 2001 ACS
SO J. Biol. Chem. (1996), 271(37), 22796-22801
CODEN: JBCHA3; ISSN: 0021-9258
TI Polyubiquitination and proteasomal degradation of the p185c-erbB-2 receptor protein-tyrosine kinase induced by geldanamycin

L10 ANSWER 3 OF 18 CAPLUS COPYRIGHT 2001 ACS
SO Biochemistry (1995), 34(44), 14535-46
CODEN: BICHAW; ISSN: 0006-2960
TI Metabolism of the polyubiquitin degradation signal: structure, mechanism, and role of isopeptidase T

L10 ANSWER 4 OF 18 CAPLUS COPYRIGHT 2001 ACS
SO J. Biol. Chem. (1992), 267(2), 719-27
CODEN: JBCHA3; ISSN: 0021-9258
TI A ubiquitin C-terminal isopeptidase that acts on polyubiquitin chains. Role in protein degradation

L10 ANSWER 5 OF 18 CAPLUS COPYRIGHT 2001 ACS
SO J. Biol. Chem. (1990), 265(35), 21664-9
CODEN: JBCHA3; ISSN: 0021-9258
TI Ubiquitin-mediated degradation of histone H3 does not require the substrate-binding ubiquitin protein ligase, E3, or attachment of polyubiquitin chains

L10 ANSWER 6 OF 18 CAPLUS COPYRIGHT 2001 ACS
SO Biochem. Biophys. Res. Commun. (1989), 162(1), 89-94
CODEN: BBRCA9; ISSN: 0006-291X
TI Inhibition of ubiquitin-dependent proteolysis by des-Gly-Gly-ubiquitin: implications for the mechanism of polyubiquitin synthesis

L10 ANSWER 7 OF 18 EMBASE COPYRIGHT 2001 ELSEVIER SCI. B.V.
SO EMBO Journal, (1997) 16/16 (4826-4838).
Refs: 42
ISSN: 0261-4189 CODEN: EMJODG
TI In vivo disassembly of free polyubiquitin chains by yeast Ubp14 modulates rates of protein degradation by the proteasome.

L10 ANSWER 8 OF 18 EMBASE COPYRIGHT 2001 ELSEVIER SCI. B.V.
SO Journal of Biological Chemistry, (1996) 271/37 (22796-22801).
ISSN: 0021-9258 CODEN: JBCHA3
TI Polyubiquitination and proteasomal degradation of the p185(c-erbB-2) receptor protein-tyrosine kinase induced by geldanamycin.

L10 ANSWER 9 OF 18 EMBASE COPYRIGHT 2001 ELSEVIER SCI. B.V.
SO Biochemistry, (1995) 34/44 (14535-14546).
ISSN: 0006-2960 CODEN: BICHAW
TI Metabolism of the polyubiquitin degradation signal: Structure, mechanism, and role of isopeptidase T.

L10 ANSWER 10 OF 18 EMBASE COPYRIGHT 2001 ELSEVIER SCI. B.V.
SO Journal of Biological Chemistry, (1992) 267/2 (719-727).
ISSN: 0021-9258 CODEN: JBCHA3
TI A ubiquitin C-terminal isopeptidase that acts on polyubiquitin chains: Role in protein degradation.

L10 ANSWER 11 OF 18 EMBASE COPYRIGHT 2001 ELSEVIER SCI. B.V.
SO Journal of Biological Chemistry, (1990) 265/35 (21664-21669).
ISSN: 0021-9258 CODEN: JBCHA3
TI Ubiquitin-mediated degradation of histone H3 does not require the substrate-binding ubiquitin protein ligase, E3, or attachment of polyubiquitin chains.

L10 ANSWER 12 OF 18 EMBASE COPYRIGHT 2001 ELSEVIER SCI. B.V.
SO Biochemical and Biophysical Research Communications, (1989) 162/1 (89-94).
ISSN: 0006-291X CODEN: BBRCA
TI Inhibition of ubiquitin-dependent proteolysis by des-Gly-Gly-ubiquitin: Implications for the mechanism of polyubiquitin synthesis.

L10 ANSWER 13 OF 18 MEDLINE
SO EMBO JOURNAL, (1997 Aug 15) 16 (16) 4826-38.
Journal code: EMB; 8208664. ISSN: 0261-4189.
TI In vivo disassembly of free polyubiquitin chains by yeast Ubp14 modulates rates of protein degradation by the proteasome.

L10 ANSWER 14 OF 18 MEDLINE
SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1996 Sep 13) 271 (37) 22796-801.
Journal code: HIV; 2985121R. ISSN: 0021-9258.
TI Polyubiquitination and proteasomal degradation of the p185c-erbB-2 receptor protein-tyrosine kinase induced by geldanamycin.

L10 ANSWER 15 OF 18 MEDLINE
SO BIOCHEMISTRY, (1995 Nov 7) 34 (44) 14535-46.
Journal code: A0G; 0370623. ISSN: 0006-2960.
TI Metabolism of the polyubiquitin degradation signal: structure, mechanism, and role of isopeptidase T.

L10 ANSWER 16 OF 18 MEDLINE
SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1992 Jan 15) 267 (2) 719-27.
Journal code: HIV; 2985121R. ISSN: 0021-9258.
TI A ubiquitin C-terminal isopeptidase that acts on polyubiquitin chains. Role in protein degradation.

L10 ANSWER 17 OF 18 MEDLINE
SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1990 Dec 15) 265 (35) 21664-9.
Journal code: HIV; 2985121R. ISSN: 0021-9258.
TI Ubiquitin-mediated degradation of histone H3 does not require the substrate-binding ubiquitin protein ligase, E3, or attachment of polyubiquitin chains.

L10 ANSWER 18 OF 18 MEDLINE
SO BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS, (1989 Jul 14) 162 (1) 89-94.
Journal code: 9Y8; 0372516. ISSN: 0006-291X.
TI Inhibition of ubiquitin-dependent proteolysis by des-Gly-Gly-ubiquitin: implications for the mechanism of polyubiquitin synthesis.

=> d 18 abs

L10 ANSWER 18 OF 18 MEDLINE
AB Cleavage of the two carboxyl-terminal glycine residues from native ubiquitin yields the proteolysis-incompetent derivative des-Gly-Gly-ubiquitin. We report here that this derivative inhibits the ATP-dependent degradation of casein and is multi-ubiquitinated but not degraded by reticulocyte lysates. Inhibition of proteolysis diminished with increasing concentration of native ubiquitin, but was not reduced by increased casein concentration. Cleavage of the last four residues from ubiquitin yielded a derivative that was a weaker inhibitor of proteolysis and a poorer substrate for ubiquitination. These results suggest that the conjugation of ubiquitin to ubiquitin during polyubiquitin synthesis involves a specific conjugation system that recognizes ubiquitin and some of its derivatives, but not general proteolysis substrates, as ubiquitin acceptors.

=> s ((regulat? or induc? or control? or depend?) and (proteoly? or degrad? or stabil?) and domain)/ti
L11 271 ((REGULAT? OR INDUC? OR CONTROL? OR DEPEND?) AND (PROTEOLY? OR DEGRAD? OR STABIL?) AND DOMAIN)/TI

=> dup
ENTER REMOVE, IDENTIFY, ONLY, OR (?):rem
ENTER L# LIST OR (END):l11
PROCESSING COMPLETED FOR L11
L12 106 DUP REM L11 (165 DUPLICATES REMOVED)

=> d 50-60 ti

L12 ANSWER 50 OF 106 CAPLUS COPYRIGHT 2001 ACS DUPLICATE 47
TI Expression in Escherichia coli, phosphorylation with cAMP-dependent protein kinase and proteolysis by calpain of a 71-kDa domain of human endothelial actin binding protein

L12 ANSWER 51 OF 106 CAPLUS COPYRIGHT 2001 ACS DUPLICATE 48
TI Structural comparison in solution of a native and retro peptide derived from the third helix of Staphylococcus aureus protein A, domain B: retro peptides, a useful tool for the discrimination of helix stabilization factors dependent on the peptide chain orientation

L12 ANSWER 52 OF 106 CAPLUS COPYRIGHT 2001 ACS DUPLICATE 49

TI A 27-kDa matrix receptor from rat brain synaptosomes: selective recognition of the Arg-Gly -Asp-Ser domain and unique resistance to calcium-dependent proteolysis

L12 ANSWER 53 OF 106 CAPLUS COPYRIGHT 2001 ACS DUPLICATE 50
TI A chimeric tyrosine/tryptophan hydroxylase. The tyrosine hydroxylase regulatory domain serves to stabilize enzyme activity

L12 ANSWER 54 OF 106 CAPLUS COPYRIGHT 2001 ACS
TI Cellular processing of vitamin k-dependent proteins: stability of protein precursors in the endoplasmic reticulum (plasma proteins, kringle domains)

L12 ANSWER 55 OF 106 CAPLUS COPYRIGHT 2001 ACS DUPLICATE 51
TI Modular structure of glucocorticoid receptor domains is not equivalent to functional independence. Stability and activity of the steroid binding domain are controlled by sequences in separate domains

L12 ANSWER 56 OF 106 CAPLUS COPYRIGHT 2001 ACS DUPLICATE 52
TI Signal transduction by activated mNotch: importance of proteolytic processing and its regulation by the extracellular domain

L12 ANSWER 57 OF 106 CAPLUS COPYRIGHT 2001 ACS
TI Magnetically induced superresolution using domain stability

L12 ANSWER 58 OF 106 CAPLUS COPYRIGHT 2001 ACS DUPLICATE 53
TI Temperature and pH dependences of hydrogen exchange and global stability for ovomucoid third domain

L12 ANSWER 59 OF 106 CAPLUS COPYRIGHT 2001 ACS DUPLICATE 54
TI Multiple structural domains within I.kappa.B.alpha. are required for its inducible degradation by both cytokines and phosphatase inhibitors

L12 ANSWER 60 OF 106 CAPLUS COPYRIGHT 2001 ACS
TI Simultaneous stabilization with multiple bounded domains of stability (robust control)

=> d 60 so, abs

L12 ANSWER 60 OF 106 CAPLUS COPYRIGHT 2001 ACS
SO (1995) 199 pp. Avail.: Univ. Microfilms Int., Order No.: DA9531061 From: Diss. Abstr. Int., B 1995, 56(5), 2770
AB Unavailable

=> d 59 so, abs

L12 ANSWER 59 OF 106 CAPLUS COPYRIGHT 2001 ACS DUPLICATE 54
SO Biochem. Biophys. Res. Commun. (1996), 223(1), 123-128 CODEN: BBRCA9; ISSN: 0006-291X
AB Activation of the transcription factor NF-.kappa.B by various cellular stimuli involves phosphorylation and subsequent degrdn. of its inhibitor I.kappa.B.alpha.. Both the cytokine tumor necrosis factor alpha (TNF-.alpha.) and the phosphatase inhibitor calyculin A have been shown to induce rapid phosphorylation and degrdn. of I.kappa.B.alpha.. In the present study, we demonstrate that TNF-.alpha. and calyculin A stimulate similar although not identical pattern of I.kappa.B.alpha. phosphorylation, as demonstrated by phosphopeptide mapping. Interestingly, phosphorylation of I.kappa.B.alpha. induced by both inducers involves serine-32 and serine-36 of I.kappa.B.alpha.. Furthermore, TNF-.alpha.- and calyculin A-induced degrdn. of I.kappa.B.alpha. appears to require the same structural domains within I.kappa.B.alpha.. In addn. to the N-terminal phosphorylation sites and the C-terminal sequences, each of the five ankyrin-like repeats of I.kappa.B.alpha. is critically required for the inducible degrdn. of this NF-.kappa.B inhibitor. Together, these studies suggest that degrdn. of I.kappa.B.alpha. by both cytokines and phosphatase inhibitors is regulated by site-specific phosphorylation and requires multiple structural domains.

=> s ((ubiq? and (proteoly? or stabil? or degrad?) and report?)/ti
UNMATCHED LEFT PARENTHESIS '((UBIQ?'
The number of right parentheses in a query must be equal to the number of left parentheses.

=> s (ubiq? and (proteoly? or stabil? or degrad?) and report?)/ti

L13 2 (UBIQ? AND (PROTEOLY? OR STABIL? OR DEGRAD?) AND REPORT?)/TI

=> d 1-2 so, ti

L13 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2001 ACS
SO Proc. Natl. Acad. Sci. U. S. A. (1993), 90(2), 418-21 CODEN: PNASA6; ISSN: 0027-8424
TI Use of a reporter transgene to generate Arabidopsis mutants in ubiquitin-dependent protein degradation

L13 ANSWER 2 OF 2 EMBASE COPYRIGHT 2001 ELSEVIER SCI. B.V.
SO Proceedings of the National Academy of Sciences of the United States of America, (1993) 90/2 (418-421). ISSN: 0027-8424 CODEN: PNASA6
TI Use of a reporter transgene to generate Arabidopsis mutants in ubiquitin- dependent protein degradation.

=> d 1 all

L13 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2001 ACS
AN 1993:95280 CAPLUS
DN 118:95280
TI Use of a reporter transgene to generate Arabidopsis mutants in ubiquitin-dependent protein degradation
AU Bachmair, Andreas; Becker, Frank; Schell, Jeff
CS Max-Planck-Inst. Zuchtungsforsch., Cologne, D-5000/30, Germany
SO Proc. Natl. Acad. Sci. U. S. A. (1993), 90(2), 418-21 CODEN: PNASA6; ISSN: 0027-8424
DT Journal
LA English
CC 3-2 (Biochemical Genetics)
Section cross-reference(s): 6, 11
AB Ubiquitin-dependent proteolysis is a major proteolytic pathway in the cytoplasm and nucleus of eukaryotic cells. The authors introduced a gene encoding a substrate for this pathway into the genome of A. thaliana. The transgene codes for a hybrid protein consisting of dihydrofolate reductase (DHFR, EC 1.5.1.3) fused to a degrdn. signal that is specifically recognized by components of the ubiquitin-dependent proteolysis pathway. Elevated concns. of the DHFR protein confer resistance to the drug methotrexate, but rapid degrdn. prevents accumulation of the protein in the plant. Therefore, transgenic A. thaliana lines expressing the DHFR fusion protein are methotrexate-sensitive. Selection for mutants resistant to methotrexate resulted in plants impaired in degrdn. of the DHFR model substrate, as shown by an increase in protein level in the mutants.
ST ubiquitin dependent proteolysis reporter transgene Arabidopsis; dihydrofolate reductase reporter gene ubiquitin proteolysis
IT Mutation
(in ubiquitin-dependent protein degrdn. pathway, in Arabidopsis thaliana, use of reporter transgene for generation of)
IT Proteins, biological studies
RL: PRP (Properties)
(ubiquitin-dependent degrdn. of, use of reporter transgene to generate Arabidopsis thaliana mutants in)
IT Arabidopsis thaliana
(ubiquitin-dependent proteolysis in, mutants in, reporter transgene constructs for generating)
IT Gene, plant
RL: BIOL (Biological study)
(prt1, for ubiquitin-dependent proteolysis, in Arabidopsis thaliana)
IT Gene, animal
RL: BIOL (Biological study)
(DHFR, for dihydrofolate reductase, as reporter transgene for generation of Arabidopsis thaliana mutants in ubiquitin-dependent protein degrdn.)
IT 60267-61-0, Ubiquitin
RL: BIOL (Biological study)
(protein degrdn. dependent on, use of reporter transgene for generation of Arabdiopsis mutants deficient in)
IT 59-05-2, Methotrexate
RL: BIOL (Biological study)
(resistance to, for selection of Arabidopsis mutants impaired in ubiquitin-dependent protein generation)
IT 9002-03-3, Dihydrofolate reductase
RL: BIOL (Biological study)
(transgene for, as reporter for generation of Arabidopsis mutants in ubiquitin-dependent protein degrdn.)

=> FIL STNGUIDE

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AND TECHNOLOGY CORPORATION, AND
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FULL ESTIMATED COST                       0.00     143.56

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FILE     TOTAL
                              ENTRY    SESSION
CA SUBSCRIBER PRICE                       0.00     -2.94

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=> d his

   (FILE 'HOME' ENTERED AT 13:14:09 ON 06 SEP 2001)

   FILE 'CAPLUS, EMBASE, MEDLINE' ENTERED AT 13:14:20 ON 06
SEP 2001
L1         6 S UBIQUIT? DOMAIN AND (MULTIMER OR MULTIPLE OR
TANDEM OR DOSAGE
L2         3 S UBH DOMAIN AND TRANSCRIPTION? REGULAT?
L3      4039 S UBIQUIT? AND REGULAT?/TI
L4         1 S UBIQUIT? AND REPORTER REGULAT?

   FILE 'STNGUIDE' ENTERED AT 13:23:41 ON 06 SEP 2001
L5         0 S PROTEIN DEGRADATION SIGNAL

   FILE 'CAPLUS, EMBASE, MEDLINE' ENTERED AT 13:28:12 ON 06
SEP 2001
L6        26 S PROTEIN DEGRADATION SIGNAL
L7        20 DUP REM L6 (6 DUPLICATES REMOVED)
L8       626 S POLYUBIQUIT? AND (PROTEOLY? OR DEGRAD? OR
BREAKDOWN)
L9       247 S POLYUBIQUIT? AND (PROTEOLY? OR DEGRAD? OR
BREAKDOWN)/TI
L10       18 S (POLYUBIQUIT? AND (PROTEOLY? OR DEGRAD? OR
BREAKDOWN))/TI AND
L11      271 S ((REGULAT? OR INDUC? OR CONTROL? OR
DEPEND?) AND (PROTEOLY? O
L12      106 DUP REM L11 (165 DUPLICATES REMOVED)
L13        2 S (UBIQ? AND (PROTEOLY? OR STABIL? OR DEGRAD?)
AND REPORT?)/TI

   FILE 'STNGUIDE' ENTERED AT 13:51:21 ON 06 SEP 2001

   FILE 'CAPLUS, MEDLINE, EMBASE' ENTERED AT 13:55:50 ON 06
SEP 2001

=> s prot? and (degrad? or stabil?) and ((homolgy or recog?) and (domain
or motif))
  1 FILES SEARCHED...
L14      3957 PROT? AND (DEGRAD? OR STABIL?) AND ((HOMOLGY
OR RECOG?) AND
          (DOMAIN OR MOTIF))

=> s (prot? and (degrad? or stabil?) and ((homolgy or recog?) and
(domain or motif)))/ti
L15       6 (PROT? AND (DEGRAD? OR STABIL?) AND ((HOMOLGY
OR RECOG?) AND
          (DOMAIN OR MOTIF)))/TI

=> dup
ENTER REMOVE, IDENTIFY, ONLY, OR (?):rem
ENTER L# LIST OR (END):l15
PROCESSING COMPLETED FOR L15
L16        2 DUP REM L15 (4 DUPLICATES REMOVED)

=> d 1-2 so, ti

L16 ANSWER 1 OF 2  CAPLUS  COPYRIGHT 2001 ACS
DUPLICATE 1
SO  Nucleic Acids Res. (2000), 28(8), 1778-1784
    CODEN: NARHAD; ISSN: 0305-1048
TI  The RNA-binding domain of ribosomal protein L11
    recognizes an rRNA tertiary structure stabilized by both
    thiostrepton and magnesium ion

L16 ANSWER 2 OF 2  CAPLUS  COPYRIGHT 2001 ACS
DUPLICATE 2
SO  Protein Eng. (1996), 9(6), 531-537
    CODEN: PRENE9; ISSN: 0269-2139
TI  Single antibody domains as small recognition units:
    design and in vitro antigen selection of camelized, human VH
    domains with improved protein stability


=> s (reporter regulation)/ti
L17        0 (REPORTER REGULATION)/TI

=> s ((ubiquit? domain) and (protease or kinase) and reporter)/ti
L18        0 ((UBIQUIT? DOMAIN) AND (PROTEASE OR KINASE) AND
REPORTER)/TI

=> s ((ubiquit? domain) and reporter)/ti
L19        0 ((UBIQUIT? DOMAIN) AND REPORTER)/TI

=> s (ubiquit? and reporter and (kinase or protease))/ti
L20        0 (UBIQUIT? AND REPORTER AND (KINASE OR
PROTEASE))/TI

=> s (ubiquit? and reporter and (kinase or protease))
L21      217 (UBIQUIT? AND REPORTER AND (KINASE OR
PROTEASE))

=> dup
ENTER REMOVE, IDENTIFY, ONLY, OR (?):rem
ENTER L# LIST OR (END):l21
PROCESSING COMPLETED FOR L21
L22      108 DUP REM L21 (109 DUPLICATES REMOVED)

=> d 20-30 so, ti

L22 ANSWER 20 OF 108  MEDLINE
SO  EUROPEAN JOURNAL OF CELL BIOLOGY, (2000 May) 79 (5) 336-
42.
    Journal code: EM7. ISSN: 0171-9335.
TI  Identification of the universal cofactor (auxilin 2) in clathrin coat
    dissociation.

L22 ANSWER 21 OF 108  CAPLUS  COPYRIGHT 2001 ACS
SO  Mol. Carcinog. (2000), 28(4), 215-224
    CODEN: MOCAE8; ISSN: 0899-1987
TI  Modulation of transcriptional activity of p53 by ultraviolet radiation:
    linkage between p53 pathway and DNA repair through damage
recognition

L22 ANSWER 22 OF 108  CAPLUS  COPYRIGHT 2001 ACS
DUPLICATE 11
SO  Arch. Biochem. Biophys. (2000), 377(1), 204-212
    CODEN: ABBIA4; ISSN: 0003-9861
TI  Arsenic Inhibits NF-.kappa.B-mediated Gene Transcription by
Blocking
    I.kappa.B Kinase Activity and I.kappa.B.alpha. Phosphorylation
    and Degradation

L22 ANSWER 23 OF 108  CAPLUS  COPYRIGHT 2001 ACS
SO  Methods Enzymol. (2000), 327(Applications of Chimeric Genes and
Hybrid
    Proteins, Pt. B), 190-198
    CODEN: MENZAU; ISSN: 0076-6879
TI  Detecting interactions between membrane proteins in vivo using
chimeras

L22 ANSWER 24 OF 108  CAPLUS  COPYRIGHT 2001 ACS
SO  Cell Growth Differ. (2000), 11(3), 163-171
    CODEN: CGDIE7; ISSN: 1044-9523
TI  Expression of the A-raf proto-oncogene in the normal adult and
embryonic
    mouse

L22 ANSWER 25 OF 108  MEDLINE
SO  NATURE MEDICINE, (2000 Jan) 6 (1) 96-9.
    Journal code: CG5; 9502015. ISSN: 1078-8956.
TI  Reduced stability of retinoblastoma protein by gankyrin, an oncogenic
    ankyrin-repeat protein overexpressed in hepatomas.

L22 ANSWER 26 OF 108  CAPLUS  COPYRIGHT 2001 ACS
DUPLICATE 12
SO  J. Pineal Res. (2000), 29(1), 24-33
    CODEN: JPRSE9; ISSN: 0742-3098
```

TI Antisense experiments reveal molecular details on mechanisms of ICER
suppressing cAMP-inducible genes in rat pinealocytes

L22 ANSWER 27 OF 108 CAPLUS COPYRIGHT 2001 ACS
SO PCT Int. Appl., 87 pp.
CODEN: PIXXD2
TI Mammalian expression constructs inducible by hyperthermia for use in gene
therapy

L22 ANSWER 28 OF 108 CAPLUS COPYRIGHT 2001 ACS
SO PCT Int. Appl., 114 pp.
CODEN: PIXXD2
TI Coiled-coil domain peptides with post-translational modification domains
for studying protein modification and protein interaction

L22 ANSWER 29 OF 108 CAPLUS COPYRIGHT 2001 ACS
SO PCT Int. Appl., 32 pp.
CODEN: PIXXD2
TI Identification and characterization of an I.kappa.B kinase

L22 ANSWER 30 OF 108 CAPLUS COPYRIGHT 2001 ACS
SO U.S., 61 pp., Cont. -in-part of U. S. Ser. No. 250,795.
CODEN: USXXAM
TI Molecular cloning and characterization of ubiquitin-conjugating enzymes and their use in screening assays for agents able to inhibit ubiquitin-mediated proteolysis

=> s (ubiquit? and reporter and (kinase or protease))/abs
'ABS' IS NOT A VALID FIELD CODE
'ABS' IS NOT A VALID FIELD CODE
'ABS' IS NOT A VALID FIELD CODE
L23 0 (UBIQUIT? AND REPORTER AND (KINASE OR PROTEASE))/ABS

=> s (ubiquit? and reporter and (kinase or protease))/ab
L24 164 (UBIQUIT? AND REPORTER AND (KINASE OR PROTEASE))/AB

=> d 1-10

L24 ANSWER 1 OF 164 CAPLUS COPYRIGHT 2001 ACS
AN 2001:582076 CAPLUS
TI Methods of protein destabilization with noncleavable ubiquitin fusion proteins and uses in assays and in regulating target protein concentrations
IN Stack, Jeffrey H.; Whitney, Michael; Cubitt, Andrew B.; Pollok, Brian A.
PA Aurora Biosciences Corporation, USA
SO PCT Int. Appl., 171 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2001057242	A2	20010809	WO 2001-US3791	20010202

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
PRAI US 2000-498098 A2 20000204

L24 ANSWER 2 OF 164 CAPLUS COPYRIGHT 2001 ACS
AN 2001:396028 CAPLUS
DN 135:132738
TI The serine/threonine transmembrane receptor ALK2 mediates Mullerian
inhibiting substance signaling
AU Visser, Jenny A.; Olaso, Robert; Verhoef-Post, Miriam; Kramer, Piet; Themmen, Axel P. N.; Ingraham, Holly A.
CS Department of Physiology, University of California, San Francisco, San
Francisco, CA, 94143-0444, USA
SO Mol. Endocrinol. (2001), 15(6), 936-945
CODEN: MOENEN; ISSN: 0888-8809
PB Endocrine Society
DT Journal
LA English
RE.CNT 49
RE
(1) Abdollah, S; J Biol Chem 1997, V272, P27678 CAPLUS
(2) Attisano, L; Mol Cell Biol 1996, V16, P1066 CAPLUS
(3) Baarends, W; Development 1994, V120, P189 CAPLUS
(4) Baarends, W; Endocrinology 1995, V136, P4951 CAPLUS
(5) Baarends, W; Endocrinology 1995, V136, P5614 CAPLUS
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L24 ANSWER 3 OF 164 CAPLUS COPYRIGHT 2001 ACS
AN 2001:392903 CAPLUS
DN 135:151503
TI I.kappa.B kinase is critical for TNF-.alpha.-induced VCAM1 gene expression
in renal tubular epithelial cells
AU Tu, Zheng; Kelley, Vicki Rubin; Collins, Tucker; Lee, Frank S.
CS Department of Pathology and Laboratory Medicine, University of Pennsylvania School of Medicine, Philadelphia, PA, 19104, USA
SO J. Immunol. (2001), 166(11), 6839-6846
CODEN: JOIMA3; ISSN: 0022-1767
PB American Association of Immunologists
DT Journal
LA English
RE.CNT 63
RE
(2) Ashkenazi, A; Science 1998, V281, P1305 CAPLUS
(3) Baldwin, A; Annu Rev Immunol 1996, V14, P649 CAPLUS
(4) Beg, A; Nature 1995, V376, P167 CAPLUS
(5) Brady, H; Kidney Int 1994, V45, P1285 CAPLUS
(11) Burkly, L; Eur J Immunol 1991, V21, P2871 CAPLUS
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L24 ANSWER 4 OF 164 CAPLUS COPYRIGHT 2001 ACS
AN 2001:367789 CAPLUS
TI MEKK2 is required for T-cell receptor signals in JNK activation and interleukin-2 gene expression
AU Su, Bing; Cheng, Jinke; Yang, Jianhua; Guo, Zijian
CS Department of Immunology, M. D. Anderson Cancer Center, The University of
Texas, Houston, TX, 77030, USA
SO J. Biol. Chem. (2001), 276(18), 14784-14790
CODEN: JBCHA3; ISSN: 0021-9258
PB American Society for Biochemistry and Molecular Biology
DT Journal
LA English
RE.CNT 41
RE
(1) Blank, J; J Biol Chem 1996, V271, P5361 CAPLUS
(2) Cheng, J; Mol Cell Biol 2000, V20, P2334 CAPLUS
(3) Choi, K; Cell 1994, V78, P499 CAPLUS
(4) Davis, R; Cell 2000, V103, P239 CAPLUS
(5) Deacon, K; J Biol Chem 1997, V272, P14489 CAPLUS
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L24 ANSWER 5 OF 164 CAPLUS COPYRIGHT 2001 ACS
AN 2001:304578 CAPLUS
DN 135:121042
TI Epstein-Barr Virus and its Glycoprotein-350 Upregulate IL-6 in Human B-lymphocytes via CD21, Involving Activation of NF-.kappa.B and Different
Signaling Pathways
AU D'Addario, Mario; Libermann, Towia A.; Xu, Jingwu; Ahmad, Ali; Menezes,
Jose
CS Laboratory of Immunovirology, Department of Microbiology and Immunology
and Pediatric Research Center, University of Montreal, and Ste. Justine
Hospital, Montreal, QC, H3T 1C5, Can.
SO J. Mol. Biol. (2001), 308(3), 501-514
CODEN: JMOBAK; ISSN: 0022-2836
PB Academic Press
DT Journal
LA English
RE.CNT 48
RE
(1) Akira, S; EMBO J 1990, V9, P1897 CAPLUS
(2) Baeuerle, P; Cell 1998, V95, P729 CAPLUS
(3) Baldwin, A; Annu Rev Immunol 1996, V14, P649 CAPLUS
(4) Barel, M; Mol Immunol 1995, V32, P389 CAPLUS
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L24 ANSWER 6 OF 164 CAPLUS COPYRIGHT 2001 ACS
AN 2001:161161 CAPLUS
TI The human ubiquitous 6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase
gene (PFKFB3): promoter characterization and genomic structure
AU Navarro-Sabate, A.; Manzano, A.; Riera, L.; Rosa, J. L.; Ventura, F.; Bartrons, R.
CS Campus de Bellvitge, Unitat de Bioquimica. Departament de Ciencies Fisiologiques II, Universitat de Barcelona, L'Hospitalet, E-08907, Spain
SO Gene (2001), 264(1), 131-138
CODEN: GENED6; ISSN: 0378-1119

PB Elsevier Science B.V.
DT Journal
LA English
RE.CNT 33
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(3) Chikri, M; Biochemistry 1995, V34, P8876 CAPLUS
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L24 ANSWER 7 OF 164 CAPLUS COPYRIGHT 2001 ACS
AN 2000:850064 CAPLUS
DN 134:233212
TI Detecting interactions between membrane proteins in vivo using chimeras
AU Stagljar, Igor; te Heesen, Stephan
CS Institute of Veterinary Biochemistry, University of Zurich, Zurich, 8057,
Switz.
SO Methods Enzymol. (2000), 327(Applications of Chimeric Genes and Hybrid
Proteins, Pt. B), 190-198
CODEN: MENZAU; ISSN: 0076-6879
PB Academic Press
DT Journal
LA English
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L24 ANSWER 8 OF 164 CAPLUS COPYRIGHT 2001 ACS
AN 2000:777158 CAPLUS
DN 134:41072
TI Tumor necrosis factor .alpha.-induced phosphorylation of RelA/p65 on ser529 is controlled by casein kinase II
AU Wang, Dan; Westerheide, Sandy D.; Hanson, Julie L.; Baldwin, Albert S.,
Jr.
CS Department of Biology, Curriculum in Genetics and Molecular Biology and
Lineberger Comprehensive Cancer Center, University of North Carolina,
Chapel Hill, NC, 27599-7295, USA
SO J. Biol. Chem. (2000), 275(42), 32592-32597
CODEN: JBCHA3; ISSN: 0021-9258
PB American Society for Biochemistry and Molecular Biology
DT Journal
LA English
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L24 ANSWER 9 OF 164 CAPLUS COPYRIGHT 2001 ACS
AN 2000:539251 CAPLUS
DN 133:203260
TI Antisense experiments reveal molecular details on mechanisms of ICER
suppressing cAMP-inducible genes in rat pinealocytes
AU Pfeffer, Martina; Maronde, Erik; Korf, Horst-Werner; Stehle, Jorg H.
CS Dr. Senckenbergische Anatomie, Anatomisches Institut II, Johann Wolfgang
Goethe-Universitat Frankfurt, Frankfurt, 60590, Germany
SO J. Pineal Res. (2000), 29(1), 24-33
CODEN: JPRSE9; ISSN: 0742-3098
PB Munksgaard International Publishers Ltd.
DT Journal
LA English
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L24 ANSWER 10 OF 164 CAPLUS COPYRIGHT 2001 ACS
AN 2000:438587 CAPLUS
DN 133:318178
TI Transcription factors Ets1, NF-.kappa.B, and Sp1 are major determinants of
the promoter activity of the human protein kinase CK2.alpha. gene
AU Krehan, Andreas; Ansuini, Helenia; Bocher, Oliver; Grein, Swen; Wirkner,
Ute; Pyerin, Walter
CS Biochemische Zellphysiologie (B0200), Deutsches Krebsforschungszentrum,
Heidelberg, 69120, Germany
SO J. Biol. Chem. (2000), 275(24), 18327-18336
CODEN: JBCHA3; ISSN: 0021-9258
PB American Society for Biochemistry and Molecular Biology
DT Journal
LA English
RE.CNT 66
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ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d 20-30 so,ti

L24 ANSWER 20 OF 164 CAPLUS COPYRIGHT 2001 ACS
SO Biochem. J. (1999), 340(2), 397-404
CODEN: BIJOAK; ISSN: 0264-6021
TI Mechanism of ubiquitous expression of mouse uncoupling protein 2 mRNA:
control by cis-acting DNA element in 5'-flanking region

L24 ANSWER 21 OF 164 CAPLUS COPYRIGHT 2001 ACS
SO J. Biol. Chem. (1999), 274(23), 16641-16645
CODEN: JBCHA3; ISSN: 0021-9258
TI The ubiquitin-proteasome pathway and serine kinase activity modulate adenomatous polyposis coli protein-mediated regulation of .beta.-catenin-lymphocyte enhancer-binding factor signaling

L24 ANSWER 22 OF 164 CAPLUS COPYRIGHT 2001 ACS
SO J. Biol. Chem. (1999), 274(20), 14315-14324
CODEN: JBCHA3; ISSN: 0021-9258
TI Signaling in human osteoblasts by extracellular nucleotides. Their weak
induction of the c-fos proto-oncogene via Ca2+ mobilization is strongly potentiated by a parathyroid hormone/cAMP-dependent protein kinase pathway
independently of mitogen-activated protein kinase

L24 ANSWER 23 OF 164 CAPLUS COPYRIGHT 2001 ACS
SO J. Biol. Chem. (1999), 274(13), 8355-8358
CODEN: JBCHA3; ISSN: 0021-9258
TI Mitogen-activated protein kinase/ERK kinase kinases 2 and 3 activate nuclear factor-.kappa.B through I.kappa.B kinase-.alpha. and I.kappa.B kinase-.beta.

L24 ANSWER 24 OF 164 CAPLUS COPYRIGHT 2001 ACS
SO Ann. N. Y. Acad. Sci. (1998), 865(VIP, PACAP, and Related Peptides), 10-26
CODEN: ANYAA9; ISSN: 0077-8923
TI Cis-regulatory elements controlling basal and inducible VIP gene transcription

L24 ANSWER 25 OF 164 CAPLUS COPYRIGHT 2001 ACS
SO Proc. Natl. Acad. Sci. U. S. A. (1999), 96(2), 429-434
CODEN: PNASA6; ISSN: 0027-8424
TI Involvement of regulatory and catalytic subunits of phosphoinositide 3-kinase in NF-.kappa.B activation

L24 ANSWER 26 OF 164 CAPLUS COPYRIGHT 2001 ACS
SO PCT Int. Appl., 32 pp.
CODEN: PIXXD2
TI Identification and characterization of an I.kappa.B kinase

L24 ANSWER 27 OF 164 CAPLUS COPYRIGHT 2001 ACS
SO Plant Cell (1998), 10(12), 2063-2075
CODEN: PLCEEW; ISSN: 1040-4651
TI Cell cycle-dependent proteolysis in plants: identification of the destruction box pathway and metaphase arrest produced by the proteasome
inhibitor MG132

L24 ANSWER 28 OF 164 CAPLUS COPYRIGHT 2001 ACS
SO PCT Int. Appl., 84 pp.
CODEN: PIXXD2
TI Purification of proteasomes using ubiquitin-like (Ubl) protein domains, and preparation and uses of Ubl-fusion proteins

L24 ANSWER 29 OF 164 CAPLUS COPYRIGHT 2001 ACS
SO Hippocampus (1998), 8(5), 444-457
CODEN: HIPPEL; ISSN: 1050-9631
TI Gene-trapping to identify and analyze genes expressed in the mouse hippocampus

L24 ANSWER 30 OF 164 CAPLUS COPYRIGHT 2001 ACS
SO J. Biol. Chem. (1998), 273(44), 29230-29240
CODEN: JBCHA3; ISSN: 0021-9258
TI Biglycan gene expression in the human leiomyosarcoma cell line SK-UT-1.
Basal and protein kinase A-induced transcription involves binding of Sp1-like/Sp3 proteins in the proximal promoter region

=> s (proteoly? or degrad? or destabil?) and reporter
L25 2282 (PROTEOLY? OR DEGRAD? OR DESTABIL?) AND REPORTER

=> s (proteoly? or degrad? or destabil?) and reporter)/ti
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The number of right parentheses in a query must be equal to the number of left parentheses.

=> s ((proteoly? or degrad? or destabil?) and reporter)/ti
L26 29 ((PROTEOLY? OR DEGRAD? OR DESTABIL?) AND REPORTER)/TI

=> dup
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ENTER L# LIST OR (END):l26
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L27 12 DUP REM L26 (17 DUPLICATES REMOVED)

=> d 1-12 ti

L27 ANSWER 1 OF 12 CAPLUS COPYRIGHT 2001 ACS
TI A method of cloning genes for factors involved in proteolytic processing using a caspase reporter system and the regulation of apoptosis

L27 ANSWER 2 OF 12 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 1
TI In vivo imaging of proteolytic enzyme activity using a novel molecular reporter

L27 ANSWER 3 OF 12 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 2
TI Kinetic analysis of a tod-lux bacterial reporter for toluene degradation and trichloroethylene cometabolism

L27 ANSWER 4 OF 12 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 3
TI Development of a transformation and gene reporter system for Group II, non-proteolytic Clostridium botulinum type B strains

L27 ANSWER 5 OF 12 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 4
TI Comparison of enhanced green fluorescent protein and its destabilized form as transcription reporters

L27 ANSWER 6 OF 12 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 5
TI Generation of destabilized green fluorescent protein as a transcription reporter

L27 ANSWER 7 OF 12 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 6
TI UGUS, a reporter for use with destabilizing N-termini

L27 ANSWER 8 OF 12 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 7
TI Rare codons are not sufficient to destabilize a reporter gene transcript in tobacco

L27 ANSWER 9 OF 12 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 8
TI Transgene-coded chimeric proteins as reporters of intracellular proteolysis: starvation-induced catabolism of a lacZ fusion protein in muscle cells of Caenorhabditis elegans

L27 ANSWER 10 OF 12 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 9
TI The regulated degradation of a 3-hydroxy-3-methylglutaryl-coenzyme A reductase reporter construct occurs in the endoplasmic reticulum

L27 ANSWER 11 OF 12 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 10
TI Use of a reporter transgene to generate Arabidopsis mutants in ubiquitin-dependent protein degradation

L27 ANSWER 12 OF 12 CAPLUS COPYRIGHT 2001 ACS
TI Bioluminescence as a reporter of gene activity: description of a promoter from NAH7, a naphthalene-degradation plasmid

=> d 9 so,ab

L27 ANSWER 9 OF 12 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 8
SO J. Cell. Biochem. (1997), 67(1), 143-153
CODEN: JCEBD5; ISSN: 0730-2312
AB The product of an integrated transgene provides a convenient and cell-specific reporter of intracellular protein catabolism in 103 muscle cells of the nematode Caenorhabditis elegans. The transgene is an in-frame fusion of a 5'-region of the C. elegans unc-54 (muscle heavy-chain) gene to the lacZ gene of Escherichia coli, encoding a 146-kDa
fusion polypeptide that forms active .beta.-galactosidase tetramers. The
protein is stable in vivo in well-fed animals, but upon removal of the food source it is inactivated exponentially (t1/2 = 17 h) following an initial lag of 8 h. The same rate const. (but no lag) is obsd. in animals starved in the presence of cycloheximide, implying that inactivation is catalyzed by pre-existing proteases. Both the 146-kDa fusion polypeptide
(t1/2 = 13 h) and a major 116-kDa intermediate (t1/2 = 7 h) undergo exponential phys. degrdn. after a lag of 8 h. Degrdn. is thus paradoxically faster than inactivation, and a no. of characteristic immunoreactive degrdn. intermediates, some less than one-third the size of
the parent polypeptide, are found in affinity-purified (active) protein. Some of these intermediates are conjugated to ubiquitin. The authors infer that the initial proteolytic cleavages occur in the cytosol, possibly by a ubiquitin-mediated proteolytic pathway and do not necessarily inactivate the fusion protein tetramer.

=> d 5 so,ab

L27 ANSWER 5 OF 12 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 4
SO Methods Enzymol. (1999), 302(Green Fluorescent Protein), 32-38
CODEN: MENZAU; ISSN: 0076-6879
AB In this chapter, the authors describe the utility of green fluorescent protein as a reporter gene in the study of gene expression. They tested
the utility of enhanced GFP(EGFP) and destabilized EGFP as transcription
reporters by fusing them with NF-.kappa.B-binding sequence and thymicline
kinase (TK) promoter, and comparing the difference in expression between
EGFP and dEGFP. We demonstrate that both EGFP and dEGFP can be used as
reporters in transcription studies. They also show that dEGFP is more sensitive in response to changes in tumor necrosis factor treatment owing
to its faster turnover rate. (c) 1999 Academic Press.

=> d 5 all

L27 ANSWER 5 OF 12 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 4
AN 1999:324928 CAPLUS
DN 131:155472
TI Comparison of enhanced green fluorescent protein and its destabilized form as transcription reporters
AU Zhao, Xiaoning; Duong, Tommy; Huang, Chiao-Chian; Kain, Steven R.; Li,
Xianqiang
CS CLONTECH Laboratories, Inc., Palo Alto, CA, 94303-4230, USA
SO Methods Enzymol. (1999), 302(Green Fluorescent Protein), 32-38
CODEN: MENZAU; ISSN: 0076-6879
PB Academic Press
DT Journal
LA English
CC 9-16 (Biochemical Methods)
AB In this chapter, the authors describe the utility of green fluorescent protein as a reporter gene in the study of gene expression. They tested
the utility of enhanced GFP(EGFP) and destabilized EGFP as transcription
reporters by fusing them with NF-.kappa.B-binding sequence and thymicline
kinase (TK) promoter, and comparing the difference in expression between
EGFP and dEGFP. We demonstrate that both EGFP and dEGFP can be used as
reporters in transcription studies. They also show that dEGFP is more sensitive in response to changes in tumor necrosis factor treatment owing
to its faster turnover rate. (c) 1999 Academic Press.
ST enhanced green fluorescent protein transcription reporter
IT Transcription, genetic
(comparison of enhanced green fluorescent protein and its destabilized
form as transcription reporters)
IT Tumor necrosis factors
RL: BSU (Biological study, unclassified); BIOL (Biological study)

(comparison of enhanced green fluorescent protein and its destabilized
form as transcription reporters)
IT Gene
(expression; comparison of enhanced green fluorescent protein and its
destabilized form as transcription reporters)
IT Proteins, specific or class
RL: BSU (Biological study, unclassified); BIOL (Biological study)
(green fluorescent; comparison of enhanced green fluorescent protein
and its destabilized form as transcription reporters)
RE.CNT 7
RE
(1) Cohen, J; Annu Rev Immunol 1992, V10, P267 CAPLUS
(2) Duvall, E; Immunol Today 1986, V7, P115 CAPLUS
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L27 ANSWER 6 OF 12 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 5
SO J. Biol. Chem. (1998), 273(52), 34970-34975
CODEN: JBCHA3; ISSN: 0021-9258
AB The green fluorescent protein (GFP) is a widely used reporter in gene expression and protein localization studies. GFP is a stable protein; this property allows its accumulation and easy detection in cells. However, this stability also limits its application in studies that require rapid reporter turnover. We created a destabilized GFP for use in such studies by fusing amino acids 422-461 of the degrdn. domain of mouse ornithine decarboxylase (MODC) to the C-terminal end of an enhanced variant of GFP (EGFP). The fusion protein, unlike EGFP, was unstable in the presence of cycloheximide and had a fluorescence half-life of 2 h. Western blot anal. indicated that the fluorescence decay of EGFP-MODC-(422-461) was correlated with degrdn. of the fusion protein. We mutated key amino acids in the PEST sequence of EGFP-MODC-(422-461) and identified several mutants with variable half-lives. The suitability of destabilized EGFP as a transcription reporter was tested by linking it to NF.kappa.B binding sequences and monitoring tumor necrosis factor .alpha.-mediated NF.kappa.B activation. We obtained time course induction and dose response kinetics similar to secreted alk. phosphatase obtained in transfected cells. This result did not occur when unmodified EGFP was used as the reporter. Because of its autofluorescence, destabilized EGFP can be used to directly correlate gene induction with biochem. change, such as NF.kappa.B translocation to the nucleus.

=> d 6 all
YOU HAVE REQUESTED DATA FROM FILE 'CAPLUS' - CONTINUE? (Y)/N:y

L27 ANSWER 6 OF 12 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 5
AN 1999:25202 CAPLUS
DN 130:205647
TI Generation of destabilized green fluorescent protein as a transcription reporter
AU Li, Xianqiang; Zhao, Xiaoning; Fang, Yu; Jiang, Xin; Duong, Tommy; Fan, Connie; Huang, Chiao-Chain; Kain, Steven R.
CS CLONTECH Laboratories, Inc., Palo Alto, CA, 94303, USA
SO J. Biol. Chem. (1998), 273(52), 34970-34975
CODEN: JBCHA3; ISSN: 0021-9258
PB American Society for Biochemistry and Molecular Biology
DT Journal
LA English
CC 3-1 (Biochemical Genetics)
Section cross-reference(s): 6
AB The green fluorescent protein (GFP) is a widely used reporter in gene expression and protein localization studies. GFP is a stable protein; this property allows its accumulation and easy detection in cells. However, this stability also limits its application in studies that require rapid reporter turnover. We created a destabilized GFP for use in such studies by fusing amino acids 422-461 of the degrdn. domain of mouse ornithine decarboxylase (MODC) to the C-terminal end of an enhanced variant of GFP (EGFP). The fusion protein, unlike EGFP, was unstable in the presence of cycloheximide and had a fluorescence half-life of 2 h. Western blot anal. indicated that the fluorescence decay of EGFP-MODC-(422-461) was correlated with degrdn. of the fusion protein. We mutated key amino acids in the PEST sequence of EGFP-MODC-(422-461) and identified several mutants with variable half-lives. The suitability of destabilized EGFP as a transcription reporter was tested by linking it to NF.kappa.B binding sequences and monitoring tumor necrosis factor .alpha.-mediated NF.kappa.B activation. We obtained time course induction and dose response kinetics similar to secreted alk. phosphatase obtained in transfected cells. This result did not occur when unmodified EGFP was used as the reporter. Because of its autofluorescence, destabilized EGFP can be used to directly correlate gene induction with biochem. change, such as NF.kappa.B translocation to the nucleus.
ST transcription reporter generation destabilized green fluorescent protein
IT Tumor necrosis factor .alpha.
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); BIOL (Biological study)
(NF.kappa.B binding site, suitability of destabilized EGFP was tested by linking to NF.kappa.B binding sequences and monitoring TNF.alpha.-mediated NF.kappa.B activation; generation of destabilized green fluorescent protein as a transcription reporter)
IT NF-.kappa.B
RL: BPR (Biological process); BSU (Biological study, unclassified); BIOL (Biological study); PROC (Process)
(NF.kappa.B binding site, suitability of destabilized EGFP was tested by linking to NF.kappa.B binding sequences and monitoring TNF.alpha.-mediated NF.kappa.B activation; generation of destabilized green fluorescent protein as a transcription reporter)
IT Genetic elements
RL: BPR (Biological process); BUU (Biological use, unclassified); BIOL (Biological study); PROC (Process); USES (Uses)
(NF.kappa.B binding site, suitability of destabilized EGFP was tested by linking to NF.kappa.B binding sequences and monitoring TNF.alpha.-mediated NF.kappa.B activation; generation of destabilized green fluorescent protein as a transcription reporter)
IT Protein motifs
(PEST sequence, mutagenesis of, identified several mutants with variable half-lives after; generation of destabilized green fluorescent protein as a transcription reporter)
IT Protein motifs
(destabilized GFP by fusing amino acids 422-461 of the degrdn. domain of mouse ornithine decarboxylase to the C-terminal end of an enhanced variant of GFP; generation of destabilized green fluorescent protein as a transcription reporter)
IT Fusion proteins (chimeric proteins)
RL: BAC (Biological activity or effector, except adverse); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)

(destabilized GFP by fusing amino acids 422-461 of the degrdn. domain
of mouse ornithine decarboxylase to the C-terminal end of an enhanced
variant of GFP; generation of destabilized green fluorescent protein as
a transcription reporter)
IT Green fluorescent protein
RL: BAC (Biological activity or effector, except adverse); BPR (Biological
process); BSU (Biological study, unclassified); BUU (Biological use,
unclassified); BIOL (Biological study); PROC (Process); USES (Uses)
(enhanced variant of; generation of destabilized green fluorescent
protein as a transcription reporter)
IT Transcription (genetic)
(generation of destabilized green fluorescent protein as a
transcription reporter)
IT 9024-60-6, Ornithine decarboxylase
RL: BAC (Biological activity or effector, except adverse); BUU (Biological
use, unclassified); BIOL (Biological study); USES (Uses)
(destabilized GFP by fusing amino acids 422-461 of the degrdn. domain
of mouse ornithine decarboxylase to the C-terminal end of an enhanced
variant of GFP; generation of destabilized green fluorescent protein as
a transcription reporter)
IT 66-81-9, Cycloheximide
RL: BAC (Biological activity or effector, except adverse); BIOL
(Biological study)
(fusion protein, unlike EGFP, was unstable in the presence of
cycloheximide; generation of destabilized green fluorescent protein as
a transcription reporter)
RE.CNT 34
RE
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FILE 'CAPLUS' ENTERED AT 14:53:44 ON 04 SEP 2001
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FILE 'MEDLINE' ENTERED AT 14:53:44 ON 04 SEP 2001

FILE 'EMBASE' ENTERED AT 14:53:44 ON 04 SEP 2001
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=> s mutant and ubiquitin?/ti
L1 1071 MUTANT AND UBIQUITIN?/TI

=> s mutant and ubiquitin? and 76/ti
L2 0 MUTANT AND UBIQUITIN? AND 76/TI

=> s mutant and ubiquitin? and cleav?/ti
L3 7 MUTANT AND UBIQUITIN? AND CLEAV?/TI

=> d 1-7 ti

L3 ANSWER 1 OF 7 CAPLUS COPYRIGHT 2001 ACS
TI The cyclin-dependent kinase inhibitor p27Kip1 induces N-terminal proteolytic cleavage of cyclin A

L3 ANSWER 2 OF 7 CAPLUS COPYRIGHT 2001 ACS
TI Diagnosis of genetic disease arising from frameshift mutation by RT-PCR
and hybridization or antibody assay, and treatment with hammerhead ribozyme cleavage of defective mRNA

L3 ANSWER 3 OF 7 CAPLUS COPYRIGHT 2001 ACS
TI Protein expression using cotranslational fusion and cleavage of ubiquitin. Mutagenesis of the glutathione-binding site of human Pi class glutathione S-transferase

L3 ANSWER 4 OF 7 MEDLINE
TI The cyclin-dependent kinase inhibitor p27(Kip1) induces N-terminal proteolytic cleavage of cyclin A.

L3 ANSWER 5 OF 7 MEDLINE
TI Protein expression using cotranslational fusion and cleavage of ubiquitin. Mutagenesis of the glutathione-binding site of human Pi class glutathione S-transferase.

L3 ANSWER 6 OF 7 EMBASE COPYRIGHT 2001 ELSEVIER SCI. B.V.
TI The cyclin-dependent kinase inhibitor p27(Kip1) induces N-terminal proteolytic cleavage of cyclin A.

L3 ANSWER 7 OF 7 EMBASE COPYRIGHT 2001 ELSEVIER SCI. B.V.
TI Protein expression using cotranslational fusion and cleavage of ubiquitin. Mutagenesis of the glutathione-binding site of human Pi

class glutathione S- transferase.

=> s muta? and ubiquitin? and cleav?
L4 238 MUTA? AND UBIQUITIN? AND CLEAV?

=> dup
ENTER REMOVE, IDENTIFY, ONLY, OR (?):rem
ENTER L# LIST OR (END):l4
PROCESSING COMPLETED FOR L4
L5 102 DUP REM L4 (136 DUPLICATES REMOVED)

=> d 1-10 ti

L5 ANSWER 1 OF 102 CAPLUS COPYRIGHT 2001 ACS
TI Methods of protein destabilization with noncleavable ubiquitin fusion proteins and uses in assays and in regulating target protein concentrations

L5 ANSWER 2 OF 102 CAPLUS COPYRIGHT 2001 ACS
TI A bioluminescence resonance energy transfer (BRET) system with broad
spectral resolution between donor and acceptor emission wavelengths and
its use

L5 ANSWER 3 OF 102 MEDLINE
TI Promotion of NEDD-CUL1 conjugate cleavage by COP9 signalosome.

L5 ANSWER 4 OF 102 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 1
TI COOH-terminal truncations promote proteasome-dependent degradation of
mature cystic fibrosis transmembrane conductance regulator from post-golgi
compartments

L5 ANSWER 5 OF 102 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 2
TI Presenilin 1 negatively regulates .beta.-catenin/T cell factor/lymphoid enhancer factor-1 signaling independently of .beta.-amyloid precursor protein and Notch processing

L5 ANSWER 6 OF 102 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 3
TI Inhibition of proteasome function induced apoptosis in gastric cancer

L5 ANSWER 7 OF 102 MEDLINE DUPLICATE 4
TI Phosphorylation of the cohesin subunit Scc1 by Polo/Cdc5 kinase regulates
sister chromatid separation in yeast.

L5 ANSWER 8 OF 102 MEDLINE
TI Late mitotic failure in mice lacking Sak, a polo-like kinase.

L5 ANSWER 9 OF 102 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 5
TI Biosynthesis of surfactant protein C: characterization of aggresome formation by EGFP chimeras containing propeptide mutants lacking conserved cysteine residues

L5 ANSWER 10 OF 102 CAPLUS COPYRIGHT 2001 ACS
TI Sequence and analysis of chromosome I of the amitochondriate intracellular
parasite Encephalitozoon cuniculi (Microspora)

=> d 1

L5 ANSWER 1 OF 102 CAPLUS COPYRIGHT 2001 ACS
AN 2001:582076 CAPLUS
TI Methods of protein destabilization with noncleavable ubiquitin fusion proteins and uses in assays and in regulating target protein concentrations
IN Stack, Jeffrey H.; Whitney, Michael; Cubitt, Andrew B.; Pollok, Brian A.
PA Aurora Biosciences Corporation, USA
SO PCT Int. Appl., 171 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2001057242	A2	20010809	WO 2001-US103791	20010202

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR,
HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT,
LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU,
SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN,
YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,
DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF,
BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
PRAI US 2000-498098 A2 20000204

=> s muta? ubiquitin? and cleav?
L6 9 MUTA? UBIQUITIN? AND CLEAV?

=> l 1-9 ti
L IS NOT A RECOGNIZED COMMAND
The previous command name entered was not recognized by the system.
For a list of commands available to you in the current file, enter
"HELP COMMANDS" at an arrow prompt (=>).

=> d 1-9 ti

L6 ANSWER 1 OF 9 CAPLUS COPYRIGHT 2001 ACS
TI Methods of protein destabilization with noncleavable ubiquitin fusion proteins and uses in assays and in regulating target protein concentrations

L6 ANSWER 2 OF 9 CAPLUS COPYRIGHT 2001 ACS
TI A ubiquitin-based tagging system for controlled modulation of protein stability

L6 ANSWER 3 OF 9 CAPLUS COPYRIGHT 2001 ACS
TI Specificity of the ubiquitin isopeptidase in the PA700 regulatory complex
of 26 S proteasomes

L6 ANSWER 4 OF 9 CAPLUS COPYRIGHT 2001 ACS
TI Structural and functional analysis of N-terminal point mutants of the human estrogen receptor

L6 ANSWER 5 OF 9 CAPLUS COPYRIGHT 2001 ACS
TI Multiple (.alpha.-NH-ubiquitin)protein endoproteases in cells

L6 ANSWER 6 OF 9 MEDLINE
TI Specificity of the ubiquitin isopeptidase in the PA700 regulatory complex
of 26 S proteasomes.

L6 ANSWER 7 OF 9 MEDLINE
TI Multiple (alpha-NH-ubiquitin)protein endoproteases in cells.

L6 ANSWER 8 OF 9 EMBASE COPYRIGHT 2001 ELSEVIER SCI. B.V.
TI Specificity of the ubiquitin isopeptidase in the PA700 regulatory complex
of 26 S proteasomes.

L6 ANSWER 9 OF 9 EMBASE COPYRIGHT 2001 ELSEVIER SCI. B.V.
TI Multiple (.alpha.-NIH-ubiquitin) protein endoproteases in cells.

=> d 2

L6 ANSWER 2 OF 9 CAPLUS COPYRIGHT 2001 ACS
AN 2000:887483 CAPLUS
DN 134:128067
TI A ubiquitin-based tagging system for controlled modulation of protein stability
AU Stack, Jeffrey H.; Whitney, Michael; Rodems, Steven M.; Pollok, Brian A.
CS Aurora Biosciences Corp., San Diego, CA, 92121, USA
SO Nat. Biotechnol. (2000), 18(12), 1298-1302
CODEN: NABIF9; ISSN: 1087-0156
PB Nature America Inc.
DT Journal
LA English
RE.CNT 25
RE
(1) Bachmair, A; Cell 1989, V56, P1019 CAPLUS
(2) Bachmair, A; Science 1986, V234, P179 CAPLUS
(3) Butt, T; J Biol Chem 1988, V263, P16364 CAPLUS
(5) Corish, P; Protein Eng 1999, V12, P1035 CAPLUS
(6) Dantuma, N; Nat Biotechnol 2000, V18, P538 CAPLUS
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d his

(FILE 'HOME' ENTERED AT 14:52:39 ON 04 SEP 2001)

FILE 'CAPLUS, MEDLINE, EMBASE' ENTERED AT 14:53:44 ON 04 SEP 2001
L1 1071 S MUTANT AND UBIQUITIN?/TI
L2 0 S MUTANT AND UBIQUITIN? AND 76/TI
L3 7 S MUTANT AND UBIQUITIN? AND CLEAV?/TI

L4 238 S MUTA? AND UBIQUITIN? AND CLEAV?
L5 102 DUP REM L4 (136 DUPLICATES REMOVED)
L6 9 S MUTA? UBIQUITIN? AND CLEAV?

=> s non-cleavable ubiquitin?
L7 0 NON-CLEAVABLE UBIQUITIN?

=> s non-cleavable and ubiquitin?
L8 5 NON-CLEAVABLE AND UBIQUITIN?

=> d 1-5

L8 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2001 ACS
AN 2001:582076 CAPLUS
TI Methods of protein destabilization with noncleavable ubiquitin fusion proteins and uses in assays and in regulating target protein concentrations
IN Stack, Jeffrey H.; Whitney, Michael; Cubitt, Andrew B.; Pollok, Brian A.
PA Aurora Biosciences Corporation, USA
SO PCT Int. Appl., 171 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2001057242	A2	20010809	WO 2001-US103791	20010202

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
PRAI US 2000-498098 A2 20000204

L8 ANSWER 2 OF 5 CAPLUS COPYRIGHT 2001 ACS
AN 1999:19266 CAPLUS
DN 130:165992
TI The cyclin-dependent kinase inhibitor p27Kip1 induces N-terminal proteolytic cleavage of cyclin A
AU Bastians, Holger; Townsley, Fiona M.; Ruderman, Joan V.
CS Department of Cell Biology, Harvard Medical School, Boston, MA, 02115, USA
SO Proc. Natl. Acad. Sci. U. S. A. (1998), 95(26), 15374-15381
CODEN: PNASA6; ISSN: 0027-8424
PB National Academy of Sciences
DT Journal
LA English
RE.CNT 73
RE
(1) Amon, A; Cell 1994, V77, P1037 CAPLUS
(2) Arvand, A; Oncogene 1998, V17, P2039 CAPLUS
(3) Brandeis, M; EMBO J 1996, V15, P5280 CAPLUS
(5) Coats, S; Science 1996, V272, P877 CAPLUS
(6) Cordon-Cardo, C; J Natl Cancer Inst 1998, V90, P1284 CAPLUS
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 3 OF 5 CAPLUS COPYRIGHT 2001 ACS
AN 1994:48655 CAPLUS
DN 120:48655
TI Different ratios in 20 S proteasomes and regulatory subunit complexes in two isoforms of the 26 S proteasome purified from rabbit skeletal muscle
AU Sawada, Hitoshi; Muto, Kazuko; Fujimuro, Masahiro; Akaishi, Takahiro; Sawada, Michiko Takagi; Yokosawa, Hideyoshi; Goldberg, Alfred L.
CS Department of Biochemistry, Faculty of Pharmaceutical Sciences, Hokkaido University, Kita-ku, Sapporo, 060, Japan
SO FEBS Lett. (1993), 335(2), 207-12
CODEN: FEBLAL; ISSN: 0014-5793
DT Journal
LA English

L8 ANSWER 4 OF 5 MEDLINE
AN 94074687 MEDLINE
DN 94074687 PubMed ID: 8253198
TI Different ratios in 20 S proteasomes and regulatory subunit complexes in two isoforms of the 26 S proteasome purified from rabbit skeletal muscle.
AU Sawada H; Muto K; Fujimuro M; Akaishi T; Sawada M T; Yokosawa H; Goldberg A L
CS Department of Biochemistry, Faculty of Pharmaceutical Sciences, Hokkaido University, Sapporo, Japan.
SO FEBS LETTERS, (1993 Dec 6) 335 (2) 207-12.
Journal code: EUH; 0155157. ISSN: 0014-5793.
CY Netherlands
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199401
ED Entered STN: 19940203
Last Updated on STN: 20000303
Entered Medline: 19940107

L8 ANSWER 5 OF 5 EMBASE COPYRIGHT 2001 ELSEVIER SCI. B.V.
AN 93350423 EMBASE
DN 1993350423
TI Different ratios in 20 S proteasomes and regulatory subunit complexes in two isoforms of the 26 S proteasome purified from rabbit skeletal muscle.
AU Sawada H.; Muto K.; Fujimuro M.; Akaishi T.; Takagi Sawada M.; Yokosawa H.; Goldberg A.L.
CS Department of Biochemistry, Faculty of Pharmaceutical sciences, Hokkaido University,Kita-ku, Sapporo 060, Japan
SO FEBS Letters, (1993) 335/2 (207-212).
ISSN: 0014-5793 CODEN: FEBLAL
CY Netherlands
DT Journal; Article
FS 029 Clinical Biochemistry
LA English
SL English

=> s cleav? and ubiquitin?
L9 852 CLEAV? AND UBIQUITIN?

=> d 1-7 ti

L9 ANSWER 1 OF 852 CAPLUS COPYRIGHT 2001 ACS
TI Ubiquitin/26S proteasome-mediated degradation of topoisomerase I as a resistance mechanism to camptothecin in tumor cells

L9 ANSWER 2 OF 852 CAPLUS COPYRIGHT 2001 ACS
TI Methods of protein destabilization with noncleavable ubiquitin fusion proteins and uses in assays and in regulating target protein concentrations

L9 ANSWER 3 OF 852 CAPLUS COPYRIGHT 2001 ACS
TI Molecular switches II system comprising ligand-regulated DNA binding molecule and targeted DNA binding site and its use in screening for desired binding elements and gene regulation

L9 ANSWER 4 OF 852 CAPLUS COPYRIGHT 2001 ACS
TI Inhibition of proteasome function induced apoptosis in gastric cancer

L9 ANSWER 5 OF 852 CAPLUS COPYRIGHT 2001 ACS
TI Apoptotic versus autophagic cell death in heart failure

L9 ANSWER 6 OF 852 CAPLUS COPYRIGHT 2001 ACS
TI Analysis of ubiquitination in vivo using a transgenic mouse model

L9 ANSWER 7 OF 852 CAPLUS COPYRIGHT 2001 ACS
TI A bioluminescence resonance energy transfer (BRET) system with broad spectral resolution between donor and acceptor emission wavelengths and its use

=> d 7-15 ti

L9 ANSWER 7 OF 852 CAPLUS COPYRIGHT 2001 ACS
TI A bioluminescence resonance energy transfer (BRET) system with broad spectral resolution between donor and acceptor emission wavelengths and its use

L9 ANSWER 8 OF 852 CAPLUS COPYRIGHT 2001 ACS
TI Divergent N-terminal sequences of a deubiquitinating enzyme modulate substrate specificity

L9 ANSWER 9 OF 852 CAPLUS COPYRIGHT 2001 ACS
TI Yersinia enterocolitica YopP-induced apoptosis of macrophages involves the

apoptotic signaling cascade upstream of Bid

L9 ANSWER 10 OF 852 CAPLUS COPYRIGHT 2001 ACS
TI The apoptogenic response of human myeloid leukaemia cell lines and of
normal and malignant haematopoietic progenitor cells to the proteasome
inhibitor PSI

L9 ANSWER 11 OF 852 CAPLUS COPYRIGHT 2001 ACS
TI The levels of MDM2 protein are decreased by a proteasome-mediated proteolysis prior to caspase-3-dependent pRb and PARP cleavages

L9 ANSWER 12 OF 852 CAPLUS COPYRIGHT 2001 ACS
TI COOH-terminal truncations promote proteasome-dependent degradation of
mature cystic fibrosis transmembrane conductance regulator from post-golgi
compartments

L9 ANSWER 13 OF 852 CAPLUS COPYRIGHT 2001 ACS
TI Membrane-bound transcription factors: regulated release by RIP or RUP

L9 ANSWER 14 OF 852 CAPLUS COPYRIGHT 2001 ACS
TI Charge-state-dependent sequence analysis of protonated ubiquitin ions via ion trap tandem mass spectrometry

L9 ANSWER 15 OF 852 CAPLUS COPYRIGHT 2001 ACS
TI Promotion of NEDD8-CUL1 conjugate cleavage by COP9 signalosome

=> s cleav? and ubiquitin?/ti
L10 362 CLEAV? AND UBIQUITIN?/TI

=> dup
ENTER REMOVE, IDENTIFY, ONLY, OR (?):rem
ENTER L# LIST OR (END):l10
PROCESSING COMPLETED FOR L10
L11 146 DUP REM L10 (216 DUPLICATES REMOVED)

=> d 1-10 ti

L11 ANSWER 1 OF 146 CAPLUS COPYRIGHT 2001 ACS
TI Methods of protein destabilization with noncleavable ubiquitin fusion proteins and uses in assays and in regulating target protein concentrations

L11 ANSWER 2 OF 146 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 1
TI Ubiquitin/26S proteasome-mediated degradation of topoisomerase I as a resistance mechanism to camptothecin in tumor cells

L11 ANSWER 3 OF 146 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 2
TI Charge-state-dependent sequence analysis of protonated ubiquitin ions via ion trap tandem mass spectrometry

L11 ANSWER 4 OF 146 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 3
TI Ubiquitin-based sperm assay for the diagnosis of male factor infertility

L11 ANSWER 5 OF 146 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 4
TI Analysis of ubiquitination in vivo using a transgenic mouse model

L11 ANSWER 6 OF 146 CAPLUS COPYRIGHT 2001 ACS
TI Enhanced protein production in higher plants by N-terminal fusion of a ubiquitin or a cucumber mosaic virus coat protein peptide

L11 ANSWER 7 OF 146 CAPLUS COPYRIGHT 2001 ACS
TI Ubiquitin fusion protein expression system

L11 ANSWER 8 OF 146 CAPLUS COPYRIGHT 2001 ACS
TI USP1, a novel gene encoding a human ubiquitin-specific protease

L11 ANSWER 9 OF 146 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 5
TI Activation of atypical protein kinase C .zeta. by caspase processing and
degradation by the ubiquitin-proteasome system

L11 ANSWER 10 OF 146 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 6
TI Ubiquitin-mediated degradation of the proapoptotic active form of Bid. A functional consequence on apoptosis induction

=> d 7

L11 ANSWER 7 OF 146 CAPLUS COPYRIGHT 2001 ACS
AN 2000:362597 CAPLUS
DN 133:13404
TI Ubiquitin fusion protein expression system
IN Barr, Philip J.
PA Chiron Corporation, USA
SO U.S., 15 pp., Cont. of U.S. Ser. No. 957,627, abandoned.
CODEN: USXXAM
DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI US 6068994	A	20000530	US 1995-428278	19950425
PRAI US 1989-390599	B1	19890807		
US 1991-806813	B1	19911206		
US 1992-957627	B1	19921006		

RE.CNT 28
RE
(1) Anon; WO 8802406 1988 CAPLUS
(2) Bachmair; US 5093242 1992 CAPLUS
(3) Bachmair; US 5132213 1992 CAPLUS
(4) Bachmair; Cell 1989, V56, P1019 CAPLUS
(5) Bachmair; Science 1986, V234, P179 CAPLUS
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> FIL STNGUIDE

COST IN U.S. DOLLARS	ENTRY	SINCE FILE SESSION	TOTAL
FULL ESTIMATED COST		67.06	67.36

FILE 'STNGUIDE' ENTERED AT 15:06:15 ON 04 SEP 2001
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AND TECHNOLOGY CORPORATION, AND
FACHINFORMATIONSZENTRUM KARLSRUHE

FILE CONTAINS CURRENT INFORMATION.
LAST RELOADED: Aug 31, 2001 (20010831/UP).

=> d his

(FILE 'HOME' ENTERED AT 14:52:39 ON 04 SEP 2001)

FILE 'CAPLUS, MEDLINE, EMBASE' ENTERED AT 14:53:44 ON 04 SEP 2001
L1 1071 S MUTANT AND UBIQUITIN?/TI
L2 0 S MUTANT AND UBIQUITIN? AND 76/TI
L3 7 S MUTANT AND UBIQUITIN? AND CLEAV?/TI
L4 238 S MUTA? AND UBIQUITIN? AND CLEAV?
L5 102 DUP REM L4 (136 DUPLICATES REMOVED)
L6 9 S MUTA? UBIQUITIN? AND CLEAV?
L7 0 S NON-CLEAVABLE UBIQUITIN?
L8 5 S NON-CLEAVABLE AND UBIQUITIN?
L9 852 S CLEAV? AND UBIQUITIN?
L10 362 S CLEAV? AND UBIQUITIN?/TI
L11 146 DUP REM L10 (216 DUPLICATES REMOVED)

FILE 'STNGUIDE' ENTERED AT 15:06:15 ON 04 SEP 2001

=> d l11 11-20 ti
YOU HAVE REQUESTED DATA FROM FILE 'CAPLUS, MEDLINE' - CONTINUE? (Y)/N:y

L11 ANSWER 11 OF 146 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 7
TI A ubiquitin-based tagging system for controlled modulation of protein stability

L11 ANSWER 12 OF 146 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 8
TI Short-lived green fluorescent proteins for quantifying ubiquitin /proteasome-dependent proteolysis in living cells

L11 ANSWER 13 OF 146 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 9
TI Tissue-specificity, functional characterization and subcellular localization of a rat ubiquitin-specific processing protease, UBP109, whose mRNA expression is developmentally regulated

L11 ANSWER 14 OF 146 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 10
TI Characterization of the ubiquitin-specific protease activity of the mouse/human Unp/Unph oncoprotein

L11 ANSWER 15 OF 146 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 11
TI Ubiquitin-Specific Proteases from Arabidopsis thaliana: Cloning

of AtUBP5 and Analysis of Substrate Specificity of AtUBP3, AtUBP4, and
AtUBP5 Using Escherichia coli in Vivo and in Vitro Assays

L11 ANSWER 16 OF 146 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 12
TI Narrowing of the region of allelic loss in 21q11-21 in squamous non-small
cell lung carcinoma and cloning of a novel ubiquitin-specific protease gene from the deleted segment

L11 ANSWER 17 OF 146 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 13
TI Ubiquitin-dependent protein processing controls radiation-induced apoptosis through the N-end rule pathway

L11 ANSWER 18 OF 146 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 14
TI Cloning and characterization of a novel human ubiquitin-specific protease, a homologue of murine UBP43 (Usp18)

L11 ANSWER 19 OF 146 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 15
TI Isolation and characterization of KlUBP2, a ubiquitin hydrolase gene of Kluyveromyces lactis that can suppress a ts-mutation in CBF2, a
gene encoding a centromeric protein of Saccharomyces cerevisiae

L11 ANSWER 20 OF 146 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 16
TI A new 30-kDa ubiquitin-related SUMO-1 hydrolase from bovine brain

=> d l11 12
YOU HAVE REQUESTED DATA FROM FILE 'CAPLUS, MEDLINE' - CONTINUE? (Y)/N:y

L11 ANSWER 12 OF 146 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 8
AN 2000:346028 CAPLUS
DN 133:147232
TI Short-lived green fluorescent proteins for quantifying ubiquitin /proteasome-dependent proteolysis in living cells
AU Dantuma, Nico P.; Lindsten, Kristina; Glas, Rickard; Jellne, Marianne;
Masucci, Maria G.
CS Microbiology and Tumor Biology Center, Karolinska Institutet, Stockholmn,
S- 171 77, Swed.
SO Nat. Biotechnol. (2000), 18(5), 538-543
CODEN: NABIF9; ISSN: 1087-0156
PB Nature America Inc.
DT Journal
LA English
RE.CNT 31
RE
(1) Adams, J; Cancer Res 1999, V59, P2615 CAPLUS
(2) Andre, P; Proc Natl Acad Sci USA 1998, V95, P13120 CAPLUS
(3) Bachmair, A; Science 1986, V234, P179 CAPLUS
(4) Bochtler, M; Annu Rev Biophys Biomol Struct 1999, V28, P295 CAPLUS
(5) Bogyo, M; Biopolymers 1997, V43, P269 CAPLUS
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d his

(FILE 'HOME' ENTERED AT 14:52:39 ON 04 SEP 2001)

FILE 'CAPLUS, MEDLINE, EMBASE' ENTERED AT 14:53:44 ON 04 SEP 2001
L1 1071 S MUTANT AND UBIQUITIN?/TI
L2 0 S MUTANT AND UBIQUITIN? AND 76/TI
L3 7 S MUTANT AND UBIQUITIN? AND CLEAV?/TI
L4 238 S MUTA? AND UBIQUITIN? AND CLEAV?
L5 102 DUP REM L4 (136 DUPLICATES REMOVED)
L6 9 S MUTA? UBIQUITIN? AND CLEAV?
L7 0 S NON-CLEAVABLE UBIQUITIN?
L8 5 S NON-CLEAVABLE AND UBIQUITIN?
L9 852 S CLEAV? AND UBIQUITIN?
L10 362 S CLEAV? AND UBIQUITIN?/TI
L11 146 DUP REM L10 (216 DUPLICATES REMOVED)

FILE 'STNGUIDE' ENTERED AT 15:06:15 ON 04 SEP 2001

FILE 'CAPLUS, MEDLINE' ENTERED AT 15:07:55 ON 04 SEP 2001

FILE 'STNGUIDE' ENTERED AT 15:07:56 ON 04 SEP 2001

FILE 'CAPLUS, MEDLINE' ENTERED AT 15:08:56 ON 04 SEP 2001

FILE 'STNGUIDE' ENTERED AT 15:08:56 ON 04 SEP 2001

=> d l11 20-29
YOU HAVE REQUESTED DATA FROM FILE 'CAPLUS, MEDLINE' - CONTINUE? (Y)/N:n

=> d l11 20-29 ti
YOU HAVE REQUESTED DATA FROM FILE 'CAPLUS, MEDLINE' - CONTINUE? (Y)/N:y

L11 ANSWER 20 OF 146 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 16
TI A new 30-kDa ubiquitin-related SUMO-1 hydrolase from bovine brain

L11 ANSWER 21 OF 146 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 17
TI Characterization and chromosomal localization of USP3, a novel human
ubiquitin-specific protease

L11 ANSWER 22 OF 146 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 18
TI Precursor processing of Pro-ISG15/UCRP, an interferon-.beta.-induced
ubiquitin-like protein

L11 ANSWER 23 OF 146 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 19
TI Biochemical analysis of the receptor for ubiquitin-like polypeptide

L11 ANSWER 24 OF 146 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 20
TI Transient nuclear factor .kappa.B (NF-.kappa.B) activation stimulated by
interleukin-1.beta. may be partly dependent on proteasome activity, but not phosphorylation and ubiquitination of the I.kappa.B.alpha. molecule, in C6 glioma cells. Regulation of NF-.kappa.B linked to chemokine production

L11 ANSWER 25 OF 146 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 21
TI The Ubp6 family of deubiquitinating enzymes contains a ubiquitin -like domain: SUb

L11 ANSWER 26 OF 146 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 22
TI Use of ubiquitin fusions to augment protein expression in transgenic plants

L11 ANSWER 27 OF 146 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 23
TI Electrophoretic separation of ubiquitin and single amino acid residue ubiquitin extensions using a commercial modified acrylamide gel electrophoresis system. An assay to determine catalytic capacities of deubiquitinating enzymes

L11 ANSWER 28 OF 146 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 24
TI Production of Chemokines CTAPIII and NAP/2 by Digestion of Recombinant
Ubiquitin-CTAPIII with Yeast Ubiquitin C-Terminal Hydrolase and Human Immunodeficiency Virus Protease

L11 ANSWER 29 OF 146 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 25
TI Genetic analysis of the role of the Drosophila fat facets gene in the ubiquitin pathway

=> d l11 26, 27
YOU HAVE REQUESTED DATA FROM FILE 'CAPLUS, MEDLINE' - CONTINUE? (Y)/N:y

L11 ANSWER 26 OF 146 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 22
AN 1999:150720 CAPLUS
DN 130:321380
TI Use of ubiquitin fusions to augment protein expression in transgenic plants
AU Hondred, David; Walker, Joseph M.; Mathews, Dennis E.; Vierstra, Richard
D.
CS Cellular and Molecular Biology Program and the Department of Horticulture,
University of Wisconsin, Madison, WI, 53706, USA

SO Plant Physiol. (1999), 119(2), 713-723
CODEN: PLPHAY; ISSN: 0032-0889
PB American Society of Plant Physiologists
DT Journal
LA English
RE.CNT 53
RE
(1) Baker, R; Curr Opin Biotechnol 1996, V7, P541 CAPLUS
(2) Barton, K; Plant Physiol 1987, V85, P1103 CAPLUS
(3) Bevan, M; Nucleic Acid Res 1983, V11, P369 CAPLUS
(4) Bevan, M; Nucleic Acids Res 1984, V12, P8711 CAPLUS
(6) Briggs, M; Proc Natl Acad Sci USA 1992, V89, P2017 CAPLUS
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 27 OF 146 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 23
AN 1999:261059 CAPLUS
DN 130:278379
TI Electrophoretic separation of ubiquitin and single amino acid residue ubiquitin extensions using a commercial modified acrylamide gel electrophoresis system. An assay to determine catalytic capacities of deubiquitinating enzymes
AU Layfield, Robert; Hayers, Chris; Wang, Pu; Urquhart, Kirstie; Ramage, Robert; Mayer, R. John; Landon, Michael
CS Laboratory Intracellular Proteolysis, Molecular Cellular Biology Research Section, School Biomedical Sciences, Medical School, Queen's Medical Center, University Nottingham, Nottingham, NG7 2UH, UK
SO Electrophoresis (1999), 20(3), 480-482
CODEN: ELCTDN; ISSN: 0173-0835
PB Wiley-VCH Verlag GmbH
DT Journal
LA English
RE.CNT 4
RE
(1) Franklin, K; Anal Biochem 1997, V247, P305 CAPLUS
(2) Hochstrasser, M; Annu Rev Genetics 1996, V30, P405 CAPLUS
(3) Schagger, H; Anal Biochem 1987, V166, P368 MEDLINE
(4) Wilkinson, K; FASEB J 1997, V11, P1245 CAPLUS

=> d l11 26,27 abs
YOU HAVE REQUESTED DATA FROM FILE 'CAPLUS, MEDLINE' - CONTINUE? (Y)/N:y

L11 ANSWER 26 OF 146 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 22
AB A major goal of plant biotechnol. is the prodn. of genetically engineered crops that express natural or foreign proteins at high levels. To enhance protein accumulation in transgenic plants, we developed a set of vectors that express proteins and peptides as C-terminal translational fusions with ubiquitin (UBQ). Studies of several proteins in tobacco (Nicotiana tabacum) showed that: (a) proteins can be readily expressed in plants as UBQ fusions; (b) by the action of endogenous UBQ-specific proteases (Ubps), these fusions are rapidly and precisely processed in vivo to release the fused protein moieties in free forms; (c) the synthesis of a protein as a UBQ fusion can significantly augment its accumulation; (d) proper processing and localization of a protein targeted to either the apoplast or the chloroplast is not affected by the N-terminal UBQ sequence; and (e) single amino acid substitutions surrounding the cleavage site can inhibit in vivo processing of the fusion by Ubps. Noncleavable UBQ fusions of .beta.-glucuronidase became extensively modified, with addnl. UBQs in planta. Because multiubiquitinated proteins are the preferred substrates of the 26S proteasome, noncleavable fusions may be useful for decreasing protein half-life. Based on their ability to augment protein accumulation and the sequence specificity of Ubps, UBQ fusions offer a versatile way to express plant proteins.

L11 ANSWER 27 OF 146 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 23
AB A no. of ubiquitin extension proteins with carboxyl-terminal single amino acid residue extensions were synthesized as substrates to assess the catalytic capacities of deubiquitinating enzymes (DUBs). Here, a modified acrylamide gel electrophoresis system is described which allows sepn. of peptide- or isopeptide-linked ubiquitin-lysine from ubiquitin (77 and 76 residue proteins resp.) in only 2 h. Western blotting, using antibodies against ubiquitin, allows both substrate (i.e. ubiquitin-lysine) and product (i.e. ubiquitin) of DUB-catalyzed cleavage reactions to be detected. Catalytic capacities of DUBs may be indicative of in vivo functions of these proteases.

=> d l11 30-39 ti
YOU HAVE REQUESTED DATA FROM FILE 'CAPLUS, MEDLINE' - CONTINUE? (Y)/N:y

L11 ANSWER 30 OF 146 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 26
TI Identification, Functional Characterization, and Chromosomal Localization of USP15, a Novel Human Ubiquitin-Specific Protease Related to the UNP Oncoprotein, and a Systematic Nomenclature for Human Ubiquitin-Specific Proteases

L11 ANSWER 31 OF 146 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 27
TI Production of "Authentic" Poliovirus RNA-Dependent RNA Polymerase (3Dpol) by Ubiquitin-Protease-Mediated Cleavage in Escherichia coli

L11 ANSWER 32 OF 146 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 28
TI Inhibition of ubiquitin-proteasome pathway activates a caspase-3-like protease and induces Bcl-2 cleavage in human M-07e leukaemic cells

L11 ANSWER 33 OF 146 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 29
TI Chemically Synthesized Ubiquitin Extension Proteins Detect Distinct Catalytic Capacities of Deubiquitinating Enzymes

L11 ANSWER 34 OF 146 CAPLUS COPYRIGHT 2001 ACS
TI Ubiquitin fusion protein system for protein production in plants

L11 ANSWER 35 OF 146 CAPLUS COPYRIGHT 2001 ACS
TI Preparation of recombinant ubiquitin cross-reactive protein (UCRP) with improved bioactivity

L11 ANSWER 36 OF 146 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 30
TI Caspase-mediated cleavage of the ubiquitin-protein ligase Nedd4 during apoptosis

L11 ANSWER 37 OF 146 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 31
TI Ubiquitination is required for the retro-translocation of a short-lived luminal endoplasmic reticulum glycoprotein to the cytosol for degradation by the proteasome

L11 ANSWER 38 OF 146 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 32
TI Ribosomal S27a coding sequences upstream of ubiquitin coding sequences in the genome of a pestivirus

L11 ANSWER 39 OF 146 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 33
TI Defects in the ubiquitin pathway induce caspase-independent apoptosis blocked by Bcl-2

=> d l11 40-49 ti
YOU HAVE REQUESTED DATA FROM FILE 'CAPLUS, MEDLINE' - CONTINUE? (Y)/N:y

L11 ANSWER 40 OF 146 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 34
TI A genetic system based on split-ubiquitin for the analysis of interactions between membrane proteins in vivo

L11 ANSWER 41 OF 146 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 35
TI Substrate specificity of deubiquitinating enzymes: Ubiquitin C-terminal hydrolases

L11 ANSWER 42 OF 146 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 36
TI UBPY: a growth-regulated human ubiquitin isopeptidase

L11 ANSWER 43 OF 146 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 37
TI Kinetic and Mechanistic Studies on the Hydrolysis of Ubiquitin C-Terminal 7-Amido-4-Methylcoumarin by Deubiquitinating Enzymes

L11 ANSWER 44 OF 146 MEDLINE
TI Characterization of mouse ubiquitin-like SMT3A and SMT3B cDNAs and gene/pseudogenes.

L11 ANSWER 45 OF 146 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 38
TI A novel family of ubiquitin-specific proteases in chick skeletal muscle with distinct N- and C-terminal extensions

L11 ANSWER 46 OF 146 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 39
TI Sodium butyrate induces apoptosis and accumulation of ubiquitinated proteins in human breast carcinoma cells

L11 ANSWER 47 OF 146 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 40
TI Identification and chromosomal assignment of USP1, a novel gene encoding a human ubiquitin-specific protease

L11 ANSWER 48 OF 146 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 41
TI TCR-.alpha. chain-like molecule is involved in the mechanism of antigen-non-specific suppression of a ubiquitin-like protein

L11 ANSWER 49 OF 146 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 42
TI A new general method for the biosynthesis of stable isotope-enriched peptides using a decahistidine-tagged ubiquitin fusion system: an application to the production of mastoparan-X uniformly enriched with 15N and 15N/13C

=> d l11 50-59 ti
YOU HAVE REQUESTED DATA FROM FILE 'CAPLUS, MEDLINE' - CONTINUE? (Y)/N:y

L11 ANSWER 50 OF 146 CAPLUS COPYRIGHT 2001 ACS
TI High-level expression and efficient recovery of ubiquitin fusion proteins from Escherichia coli

L11 ANSWER 51 OF 146 CAPLUS COPYRIGHT 2001 ACS
TI Peptide synthesis as fusion product with ubiquitin and ubiquitin carboxyl-terminal extension peptide expression in plasmid-transformed prokaryote host

L11 ANSWER 52 OF 146 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 43
TI A ubiquitin-specific protease that efficiently cleaves the ubiquitin-proline bond

L11 ANSWER 53 OF 146 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 44
TI Characterization of NEDD8, a developmentally down-regulated ubiquitin-like protein

L11 ANSWER 54 OF 146 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 45
TI Specificity of the ubiquitin isopeptidase in the PA700 regulatory complex of 26 S proteasomes

L11 ANSWER 55 OF 146 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 46
TI Molecular cloning of a novel ubiquitin-specific protease, UBP41, with isopeptidase activity in chick skeletal muscle

L11 ANSWER 56 OF 146 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 47
TI Ubiquitin-dependent destruction of topoisomerase I is stimulated by the antitumor drug camptothecin

L11 ANSWER 57 OF 146 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 48
TI Preferential modification of nuclear proteins by a novel ubiquitin -like molecule

L11 ANSWER 58 OF 146 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 49
TI The ubiquitin-like protein Smt3p is activated for conjugation to other proteins by an Aos1p/Uba2p heterodimer

L11 ANSWER 59 OF 146 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 50
TI Apoptosis of Ewing's sarcoma cells is accompanied by accumulation of ubiquitinated proteins

=> s noncleav? and ubiquitin?/ti
'TI' IS NOT A VALID FIELD CODE
0 NONCLEAV?
0 UBIQUITIN?/TI
L12 0 NONCLEAV? AND UBIQUITIN?/TI

=> f caplus, medline, embase
15 CAPLUS
13 MEDLINE
3 EMBASE
L13 0 CAPLUS, MEDLINE, EMBASE
(CAPLUS(W)MEDLINE(W)EMBASE)

=> fil caplus, medline, embase
COST IN U.S. DOLLARS SINCE FILE TOTAL
ENTRY SESSION
FULL ESTIMATED COST 0.00 91.01

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS) SINCE FILE TOTAL
ENTRY SESSION
CA SUBSCRIBER PRICE 0.00 -1.18

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FILE 'MEDLINE' ENTERED AT 15:21:34 ON 04 SEP 2001

FILE 'EMBASE' ENTERED AT 15:21:34 ON 04 SEP 2001
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=> s noncleav? and ubiqui?/ti
L14 3 NONCLEAV? AND UBIQUI?/TI

=> d l14

L14 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2001 ACS
AN 2001:582076 CAPLUS
TI Methods of protein destabilization with noncleavable ubiquitin fusion proteins and uses in assays and in regulating target protein concentrations
IN Stack, Jeffrey H.; Whitney, Michael; Cubitt, Andrew B.; Pollok, Brian A.
PA Aurora Biosciences Corporation, USA
SO PCT Int. Appl., 171 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2001057242	A2	20010809	WO 2001-US103791	20010202

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
PRAI US 2000-498098 A2 20000204

=> d 2

L14 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2001 ACS
AN 1999:150720 CAPLUS
DN 130:321380
TI Use of ubiquitin fusions to augment protein expression in transgenic plants
AU Hondred, David; Walker, Joseph M.; Mathews, Dennis E.; Vierstra, Richard D.
CS Cellular and Molecular Biology Program and the Department of Horticulture, University of Wisconsin, Madison, WI, 53706, USA
SO Plant Physiol. (1999), 119(2), 713-723
CODEN: PLPHAY; ISSN: 0032-0889
PB American Society of Plant Physiologists
DT Journal
LA English
RE.CNT 53
RE
(1) Baker, R; Curr Opin Biotechnol 1996, V7, P541 CAPLUS
(2) Barton, K; Plant Physiol 1987, V85, P1103 CAPLUS
(3) Bevan, M; Nucleic Acid Res 1983, V11, P369 CAPLUS
(4) Bevan, M; Nucleic Acids Res 1984, V12, P8711 CAPLUS
(6) Briggs, M; Proc Natl Acad Sci USA 1992, V89, P2017 CAPLUS

ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d 3

L14 ANSWER 3 OF 3 MEDLINE
AN 1999137925 MEDLINE
DN 99137925 PubMed ID: 9952468
TI Use of ubiquitin fusions to augment protein expression in transgenic plants.
AU Hondred D; Walker J M; Mathews D E; Vierstra R D
CS Cellular and Molecular Biology Program and the Department of Horticulture,
University of Wisconsin, Madison, Wisconsin 53706, USA.
SO PLANT PHYSIOLOGY, (1999 Feb) 119 (2) 713-24.
Journal code: P98; 0401224. ISSN: 0032-0889.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199904
ED Entered STN: 19990426
Last Updated on STN: 19990426
Entered Medline: 19990415
=> s ((dual or tandem or multi?) and (destabil? or proteoly? or degrad?) and domain?)/ti
L1 39 ((DUAL OR TANDEM OR MULTI?) AND (DESTABIL? OR PROTEOLY? OR DEGRA
D?) AND DOMAIN?)/TI

=> dup
ENTER REMOVE, IDENTIFY, ONLY, OR (?):rem
ENTER L# LIST OR (END):l1
PROCESSING COMPLETED FOR L1
L2 10 DUP REM L1 (29 DUPLICATES REMOVED)

=> d 1-10 ti, so

L2 ANSWER 1 OF 10 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 1
TI Multiple lysine mutations in the C-terminal domain of p53 interfere with MDM2-dependent protein degradation and ubiquitination
SO Mol. Cell. Biol. (2000), 20(24), 9391-9398
CODEN: MCEBD4; ISSN: 0270-7306

L2 ANSWER 2 OF 10 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 2
TI Multiubiquitin chain binding and protein degradation are mediated by distinct domains within the 26 S proteasome subunit Mcb1
SO J. Biol. Chem. (1998), 273(4), 1970-1981
CODEN: JBCHA3; ISSN: 0021-9258

L2 ANSWER 3 OF 10 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 3
TI Proteolytic mapping of human replication protein A: evidence for multiple structural domains and a conformational change upon interaction with single-stranded DNA
SO Biochemistry (1996), 35(17), 5586-95
CODEN: BICHAW; ISSN: 0006-2960

L2 ANSWER 4 OF 10 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 4
TI Multiple structural domains within I.kappa.B.alpha. are required for its inducible degradation by both cytokines and phosphatase inhibitors
SO Biochem. Biophys. Res. Commun. (1996), 223(1), 123-128
CODEN: BBRCA9; ISSN: 0006-291X

L2 ANSWER 5 OF 10 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 5
TI Domain structure and multiplicity of raw-starch-digesting amylase from Bacillus circulans: extensive proteolysis with proteinase K, endopeptidase Glu-C and thermolysin
SO Biochim. Biophys. Acta (1993), 1202(2), 200-6
CODEN: BBACAQ; ISSN: 0006-3002

L2 ANSWER 6 OF 10 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 6
TI The structural organization of the hamster multifunctional protein CAD. Controlled proteolysis, domains, and linkers
SO J. Biol. Chem. (1992), 267(10), 7177-84
CODEN: JBCHA3; ISSN: 0021-9258

L2 ANSWER 7 OF 10 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 7
TI Interactions of the A1 heterogeneous nuclear ribonucleoprotein and its proteolytic derivative, UP1, with RNA and DNA: Evidence for multiple RNA binding domains and salt-dependent binding mode transitions
SO Biochemistry (1991), 30(11), 2968-76
CODEN: BICHAW; ISSN: 0006-2960

L2 ANSWER 8 OF 10 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 8
TI Nucleotide ligands protect the inter-domain regions of the multifunctional polypeptide CAD against limited proteolysis, and also stabilize the thermolabile part-reactions of the carbamoyl-phosphate synthase II domains within the CAD polypeptide
SO Biochem. J. (1986), 236(2), 327-35
CODEN: BIJOAK; ISSN: 0306-3275

L2 ANSWER 9 OF 10 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 9
TI Organization of a multifunctional protein in pyrimidine biosynthesis. A domain hypersensitive to proteolysis
SO Biochem. J. (1984), 217(2), 435-40
CODEN: BIJOAK; ISSN: 0306-3275

L2 ANSWER 10 OF 10 CAPLUS COPYRIGHT 2001 ACS
DUPLICATE 10
TI Controlled proteolysis of the multifunctional protein that initiates pyrimidine biosynthesis in mammalian cells: Evidence for discrete structural domains
SO Proc. Natl. Acad. Sci. U. S. A. (1981), 78(11), 6647-51
CODEN: PNASA6; ISSN: 0027-8424

=> s ((dual or tandem or multi?) and (destabil? or proteoly? or degrad?)/ti
UNMATCHED LEFT PARENTHESIS '((DUAL'
The number of right parentheses in a query must be equal to the number of left parentheses.

=> s ((dual or tandem or multi?) and (destabil? or proteoly? or degrad?))/ti
L3 1690 ((DUAL OR TANDEM OR MULTI?) AND (DESTABIL? OR PROTEOLY? OR DEGRA
D?))/TI

=> s ((dual or tandem or multi?) and (ubiquit? or PEST or N-end or destruct? or degrad?))/ti
L4 1936 ((DUAL OR TANDEM OR MULTI?) AND (UBIQUIT? OR PEST OR N-END OR
DESTRUCT? OR DEGRAD?))/TI

=> s ((dual or tandem or multi?) next (ubiquit? or PEST or N-end or destruct? or degrad?))/ti
MISSING OPERATOR MULTI?) NEXT
The search profile that was entered contains terms or nested terms that are not separated by a logical operator.

=> s ((dual or tandem or multi?) (3W) (ubiquit? or PEST or N-end or destruct? or degrad?))/ti
L5 454 ((DUAL OR TANDEM OR MULTI?) (3W) (UBIQUIT? OR PEST OR N-END OR
DESTRUCT? OR DEGRAD?))/TI

=> dup
ENTER REMOVE, IDENTIFY, ONLY, OR (?):rem
ENTER L# LIST OR (END):l5
PROCESSING COMPLETED FOR L5
L6 249 DUP REM L5 (205 DUPLICATES REMOVED)

=> focus
PROCESSING COMPLETED FOR L6
L7 249 FOCUS L6 1-

=> d 1-10 ti, so

L7 ANSWER 1 OF 249 CAPLUS COPYRIGHT 2001 ACS
TI Human mdm2 mediates multiple mono-ubiquitination of p53 by a mechanism requiring enzyme isomerization
SO J. Biol. Chem. (2001), 276(33), 31357-31367
CODEN: JBCHA3; ISSN: 0021-9258

L7 ANSWER 2 OF 249 CAPLUS COPYRIGHT 2001 ACS
TI Valosin-containing protein is a multi-ubiquitin chain-targeting factor required in ubiquitin-proteasome degradation
SO Nat. Cell Biol. (2001), 3(8), 740-744
CODEN: NCBIFN; ISSN: 1465-7392

L7 ANSWER 3 OF 249 CAPLUS COPYRIGHT 2001 ACS
TI Multiple degradable composition mother particles
SO Faming Zhuanli Shenqing Gongkai Shuomingshu, 16 pp.
CODEN: CNXXEV

L7 ANSWER 4 OF 249 CAPLUS COPYRIGHT 2001 ACS
TI Multiple degradable polymer composition and its preparation process
SO Faming Zhuanli Shenqing Gongkai Shuomingshu, 14 pp.
CODEN: CNXXEV

L7 ANSWER 5 OF 249 CAPLUS COPYRIGHT 2001 ACS
TI Phosphinic Derivatives as New Dual Enkephalin-Degrading

Enzyme Inhibitors: Synthesis, Biological Properties, and Antinociceptive
Activities
SO J. Med. Chem. (2000), 43(7), 1398-1408
CODEN: JMCMAR; ISSN: 0022-2623

L7 ANSWER 6 OF 249 CAPLUS COPYRIGHT 2001 ACS
TI Expression of multiple complex polysaccharide-degrading enzyme systems by marine bacterium strain 2-40
SO J. Ind. Microbiol. Biotechnol. (1999), 23(2), 123-126
CODEN: JIMBFL; ISSN: 1367-5435

L7 ANSWER 7 OF 249 CAPLUS COPYRIGHT 2001 ACS
TI Multi-ubiquitination of a nascent membrane protein produced in a rabbit reticulocyte lysate
SO J. Biochem. (Tokyo) (1999), 126(1), 48-53
CODEN: JOBIAO; ISSN: 0021-924X

L7 ANSWER 8 OF 249 CAPLUS COPYRIGHT 2001 ACS
TI Multi-functional controlled degradable starch plastics resin
SO Faming Zhuanli Shenqing Gongkai Shuomingshu, 8 pp.
CODEN: CNXXEV

L7 ANSWER 9 OF 249 CAPLUS COPYRIGHT 2001 ACS
TI Mechanochemical model of multiple crack destruction of polymers under stress
SO Russ. Polym. News (1999), 4(3), 16-20
CODEN: RPONFY; ISSN: 1093-2984

L7 ANSWER 10 OF 249 CAPLUS COPYRIGHT 2001 ACS
TI Computer simulation of dual-stimuli-responsive degradation in regard to IPN-structured hydrogels
SO Proc. Int. Symp. Controlled Release Bioact. Mater. (1998), 25th, 731-732
CODEN: PCRMEY; ISSN: 1022-0178

=> s ((dual or tandem or multi?) (3W) (ubiquit? or PEST or N-end or destruct? or degrad?)and reporter)/ti
L8 0 ((DUAL OR TANDEM OR MULTI?) (3W) (UBIQUIT? OR PEST OR N-END OR
DESTRUCT? OR DEGRAD?) AND REPORTER)/TI

=> d his

(FILE 'HOME' ENTERED AT 14:41:32 ON 08 SEP 2001)

FILE 'CAPLUS, EMBASE, MEDLINE, BIOSIS' ENTERED AT 14:42:34 ON 08 SEP 2001
L1 39 S ((DUAL OR TANDEM OR MULTI?) AND (DESTABIL? OR PROTEOLY? OR DE
L2 10 DUP REM L1 (29 DUPLICATES REMOVED)
L3 1690 S ((DUAL OR TANDEM OR MULTI?) AND (DESTABIL? OR PROTEOLY? OR DE
L4 1936 S ((DUAL OR TANDEM OR MULTI?) AND (UBIQUIT? OR PEST OR N-END OR
L5 454 S ((DUAL OR TANDEM OR MULTI?) (3W) (UBIQUIT? OR PEST OR N-END O
L6 249 DUP REM L5 (205 DUPLICATES REMOVED)
L7 249 FOCUS L6 1-
L8 0 S ((DUAL OR TANDEM OR MULTI?) (3W) (UBIQUIT? OR PEST OR N-END O

=> d l7 10-20 ti, so

L7 ANSWER 10 OF 249 CAPLUS COPYRIGHT 2001 ACS
TI Computer simulation of dual-stimuli-responsive degradation in regard to IPN-structured hydrogels
SO Proc. Int. Symp. Controlled Release Bioact. Mater. (1998), 25th, 731-732
CODEN: PCRMEY; ISSN: 1022-0178

L7 ANSWER 11 OF 249 CAPLUS COPYRIGHT 2001 ACS
TI Determination of multichlorophenol in liquid degraded by white rot fungus
SO Jiangsu Shiyou Huagong Xueyuan Xuebao (1998), 10(1), 42-44
CODEN: JSHXFU; ISSN: 1005-8893

L7 ANSWER 12 OF 249 CAPLUS COPYRIGHT 2001 ACS
TI Simulation of high-temperature multiple destruction in polymers
SO Vysokomol. Soedin., Ser. A Ser. B (1997), 39(3), 533-536
CODEN: VSSBEE; ISSN: 1023-3091

L7 ANSWER 13 OF 249 CAPLUS COPYRIGHT 2001 ACS
TI CTLA4Ig prevents lymphoproliferation and fatal multiorgan tissue destruction in CTLA-4-deficient mice
SO J. Immunol. (1997), 158(11), 5091-5094
CODEN: JOIMA3; ISSN: 0022-1767

L7 ANSWER 14 OF 249 CAPLUS COPYRIGHT 2001 ACS
TI Methodology for multistage degradation of polyimide polymer
SO Polym. Degrad. Stab. (1997), 55(2), 165-172
CODEN: PDSTDW; ISSN: 0141-3910

L7 ANSWER 15 OF 249 CAPLUS COPYRIGHT 2001 ACS
TI Multiple degradation pathways of the rpsO mRNA of Escherichia coli. RNase E interacts with the 5' and 3' extremities of the primary transcript
SO Biochimie (1996), 78(6), 416-424
CODEN: BICMBE; ISSN: 0300-9084

L7 ANSWER 16 OF 249 CAPLUS COPYRIGHT 2001 ACS
TI The role of alternative multiubiquitin chains in ubiquitin-dependent processes (Saccharomyces cerevisiae, stress resistance)
SO (1995) 242 pp. Avail.: Univ. Microfilms Int., Order No. DANN06178
From: Diss. Abstr. Int., B 1996, 57(3), 1558

L7 ANSWER 17 OF 249 CAPLUS COPYRIGHT 2001 ACS
TI Engineering a multifunctional ubiquitin conjugating enzyme
SO Perspect. Protein Eng. Complementary Technol., Collect. Pap., Int. Symp.,
3rd (1995), Meeting Date 1994, 143-144. Editor(s): Geisow, Michael J.;
Epton, Roger. Publisher: Mayflower Worldwide, Kingswinford, UK.
CODEN: 62ZQAP

L7 ANSWER 18 OF 249 CAPLUS COPYRIGHT 2001 ACS
TI Immunoassay for the quantification of intracellular multi-ubiquitin chains
SO Eur. J. Biochem. (1995), 233(1), 42-7
CODEN: EJBCAI; ISSN: 0014-2956

L7 ANSWER 19 OF 249 CAPLUS COPYRIGHT 2001 ACS
TI Intracellular multiplication and toxic destruction of cultured macrophages by Capnocytophaga canimorsus
SO Infect. Immun. (1995), 63(9), 3484-90
CODEN: INFIBR; ISSN: 0019-9567

L7 ANSWER 20 OF 249 CAPLUS COPYRIGHT 2001 ACS
TI Multiple ubiquitin C-terminal hydrolases from chick skeletal muscle
SO J. Biol. Chem. (1995), 270(32), 18766-73
CODEN: JBCHA3; ISSN: 0021-9258

=> s ((dual or tandem or multi?) (2W) (ubiquit? or PEST or N-end or destruct? or degrad?and signal))/ti
'?' TRUNCATION SYMBOL NOT VALID WITHIN 'DEGRAD?AND'
'?' TRUNCATION SYMBOL NOT VALID WITHIN 'DEGRAD?AND'
'?' TRUNCATION SYMBOL NOT VALID WITHIN 'DEGRAD?AND'
'?' TRUNCATION SYMBOL NOT VALID WITHIN 'DEGRAD?AND'
The truncation symbol ? may be used only at the end of a search term. To specify a variable character within a word use '!', e.g., 'wom!n' to search for both 'woman' and 'women'. Enter "HELP TRUNCATION" at an arrow prompt (=>) for more information.

=> s ((dual or tandem or multi?) (2W) (ubiquit? or PEST or N-end or destruct? or degrad? and signal))/ti
PROXIMITY OPERATION NOT ALLOWED
PROXIMITY OPERATION NOT ALLOWED
PROXIMITY OPERATION NOT ALLOWED
PROXIMITY OPERATION NOT ALLOWED
Certain operators may not be nested in combination with other operators. A nested operator is valid only when it occurs at the same level or above the operator outside the nested phrase as determined by the following precedence list:

1. Numeric
2. (W), (NOTW), (A), (NOTA)
3. (S), (NOTS)
4. (P), (NOTP)
5. (L), (NOTL)
6. AND, NOT
7. OR

For example, '(MONOCLONAL(W)ANTIBOD?)(L)ANTIGEN?' is valid since (W)
is above (L) on the precedence list. However,
'((THIN(W)LAYER)(L)PHOSPHOLIPID#)(A)LACTONE#' is not valid since (L)
is below (A) on the precedence list. The only exception is the 'OR' operator. This operator may be used in combination with any other operator. For example, '(ATOMIC OR NUCLEAR)(W)REACTOR' is valid.

=> s ((dual or tandem or multi?) (2W) (ubiquit? or PEST or N-end or destruct? or degrad?)and signal)/ti
L9 4 ((DUAL OR TANDEM OR MULTI?) (2W) (UBIQUIT? OR PEST OR N-END OR
DESTRUCT? OR DEGRAD?) AND SIGNAL)/TI

=> d 1-4 so, ti

L9 ANSWER 1 OF 4 CAPLUS COPYRIGHT 2001 ACS
SO Curr. Biol. (2001), 11(9), 685-690
CODEN: CUBLE2; ISSN: 0960-9822
TI Mitotic degradation of cyclin A is mediated by multiple and novel destruction signals

L9 ANSWER 2 OF 4 MEDLINE
SO CURRENT BIOLOGY, (2001 May 1) 11 (9) 685-90.
Journal code: B44; 9107782. ISSN: 0960-9822.
TI Mitotic degradation of cyclin A is mediated by multiple and novel destruction signals.

L9 ANSWER 3 OF 4 BIOSIS COPYRIGHT 2001 BIOSIS
SO Current Biology, (1 May, 2001) Vol. 11, No. 9, pp. 685-690. print.
ISSN: 0960-9822.
TI Mitotic degradation of cyclin A is mediated by multiple and novel destruction signals.

L9 ANSWER 4 OF 4 BIOSIS COPYRIGHT 2001 BIOSIS
SO Journal of the American Society of Nephrology, (Sept., 1997) Vol. 9, No.
PROGRAM AND ABSTR. ISSUE, pp. 608A.
Meeting Info.: 30th Annual Meeting of the American Society of Nephrology
San Antonio, Texas, USA November 2-5, 1997 American Society of Nephrology
. ISSN: 1046-6673.
TI Multi-ubiquitin may modulate the signal
m-RNA production with short-term exposure of cadmium in cultured-proximal
tubular cells.

=>

---Logging off of STN---

=>
Executing the logoff script...

=> LOG Y

COST IN U.S. DOLLARS	ENTRY	SINCE FILE SESSION	TOTAL
FULL ESTIMATED COST		127.28	127.58